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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 10	Time limit for inactive STN sessions doubles to 40 minutes
NEWS	3	AUG 18	COMPENDEX indexing changed for the Corporate Source (CS) field
NEWS	4	AUG 24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS	5	AUG 24	CA/CAPLUS enhanced with legal status information for U.S. patents
NEWS	6	SEP 09	50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS	7	SEP 11	WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS	8	OCT 21	Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded
NEWS	9	OCT 21	Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models
NEWS	10	NOV 23	Addition of SCAN format to selected STN databases
NEWS	11	NOV 23	Annual Reload of IFI Databases
NEWS	12	DEC 01	FRFULL Content and Search Enhancements
NEWS	13	DEC 01	DGENE, USGENE, and PCTGEN: new percent identity feature for sorting BLAST answer sets
NEWS	14	DEC 02	Derwent World Patent Index: Japanese FI-TERM thesaurus added
NEWS	15	DEC 02	PCTGEN enhanced with patent family and legal status display data from INPADOCDB
NEWS	16	DEC 02	USGENE: Enhanced coverage of bibliographic and sequence information
NEWS	17	DEC 21	New Indicator Identifies Multiple Basic Patent Records Containing Equivalent Chemical Indexing in CA/CAPLUS
NEWS	18	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS	19	JAN 25	Annual Reload of MEDLINE database
NEWS	20	FEB 16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS	21	FEB 16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS	22	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS	23	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	24	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:19:50 ON 25 FEB 2010

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 13:20:00 ON 25 FEB 2010

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STRUCTURE FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

DICTIONARY FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

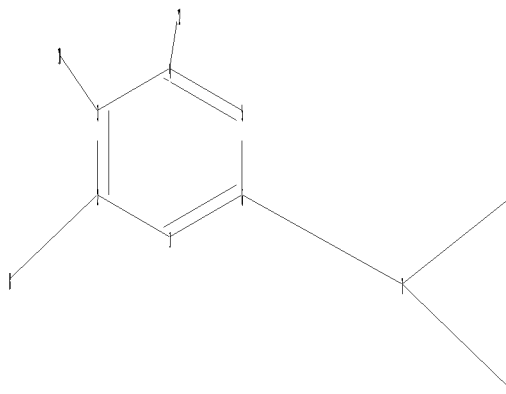
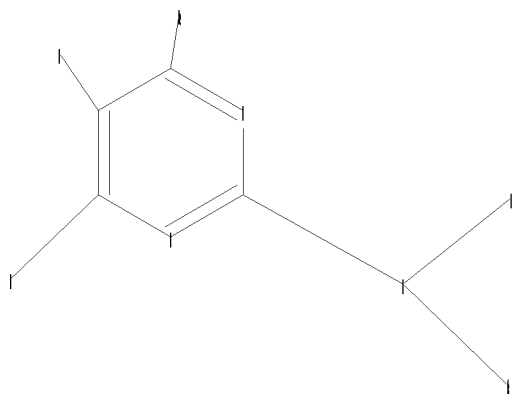
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10565545.str



```

chain nodes :
7 10 12 13 14
ring nodes :
1 2 3 4 5 6 8
chain bonds :
2-8 3-10 4-12 6-7 7-13 7-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-8 6-7 7-14
exact bonds :
3-10 4-12 7-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

```

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 10:CLASS 12:CLASS
13:CLASS 14:CLASS
Generic attributes :
14:
Saturation           : Saturated

```

L1 STRUCTURE UPLOADED

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=> s l1 sss full
FULL SEARCH INITIATED 13:20:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 37679 TO ITERATE

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100.0% PROCESSED 37679 ITERATIONS 331 ANSWERS
SEARCH TIME: 00.00.04

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L2 331 SEA SSS FUL L1

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=> file capl
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY 191.54
TOTAL SESSION 191.76

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FILE 'CAPLUS' ENTERED AT 13:20:19 ON 25 FEB 2010
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FILE COVERS 1907 - 25 Feb 2010 VOL 152 ISS 9
FILE LAST UPDATED: 24 Feb 2010 (20100224/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 41 L2

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.00	195.76

FILE 'REGISTRY' ENTERED AT 13:24:54 ON 25 FEB 2010
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6
DICTIONARY FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

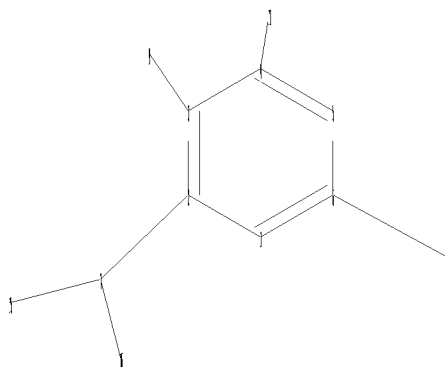
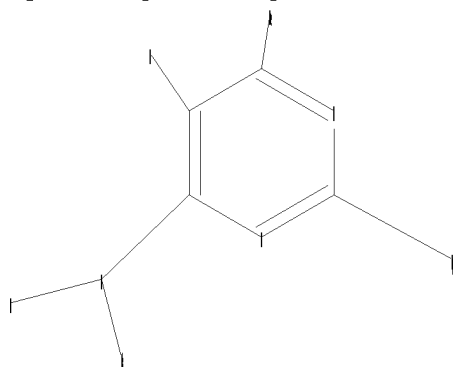
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information

on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

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chain nodes :
7 9 11 13 15 16
ring nodes :
1 2 3 4 5 6
chain bonds :
2-7 3-9 4-11 6-13 7-15 7-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-7 6-13 7-16
exact bonds :
3-9 4-11 7-15
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 9:CLASS 11:CLASS 13:Atom
15:CLASS 16:CLASS

Generic attributes :

13:

Saturation : Saturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

16:

Saturation : Saturated

Element Count :

Node 7: Limited

O,O0-1

N,N1

Node 13: Limited

N,N1

O,O0-1

L4 STRUCTURE UPLOADED

=> s l4 sss full
FULL SEARCH INITIATED 13:25:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 116251 TO ITERATE

100.0% PROCESSED 116251 ITERATIONS 48 ANSWERS
SEARCH TIME: 00.00.05

L5 48 SEA SSS FUL L4

=> file capl
COST IN U.S. DOLLARS SINCE FILE TOTAL
 ENTRY SESSION
FULL ESTIMATED COST 191.54 387.30

FILE 'CAPLUS' ENTERED AT 13:25:12 ON 25 FEB 2010
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FILE COVERS 1907 - 25 Feb 2010 VOL 152 ISS 9
FILE LAST UPDATED: 24 Feb 2010 (20100224/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l5
L6 12 L5

=> d l6 1-12 ibib hitstr

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:946254 CAPLUS
DOCUMENT NUMBER: 151:245687
TITLE: Preparation of pyrimidinylpiperidinylcarboxamides as
 sEH inhibitors
INVENTOR(S): Marino, Joseph Paul, Jr.; McAtee, John Jeffrey
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA

SOURCE: PCT Int. Appl., 39pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009097475	A1	20090806	WO 2009-US32524	20090130
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: US 2008-24606P P 20080130

OTHER SOURCE(S): MARPAT 151:245687

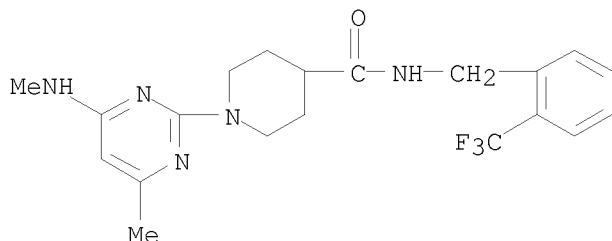
IT 1176753-80-2P 1176753-83-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidinylpiperidinylcarboxamides as sEH inhibitors)

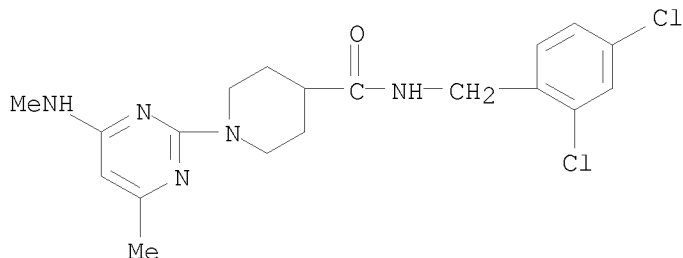
RN 1176753-80-2 CAPLUS

CN 4-Piperidinecarboxamide, 1-[4-methyl-6-(methylamino)-2-pyrimidinyl]-N-[[2-(trifluoromethyl)phenyl]methyl]- (CA INDEX NAME)



RN 1176753-83-5 CAPLUS

CN 4-Piperidinecarboxamide, N-[(2,4-dichlorophenyl)methyl]-1-[4-methyl-6-(methylamino)-2-pyrimidinyl]- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

L6 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:846113 CAPLUS

DOCUMENT NUMBER: 151:92850

TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds

INVENTOR(S): Goldfarb, David Scott

PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: U.S. Pat. Appl. Publ., 57pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 20

PATENT INFORMATION:

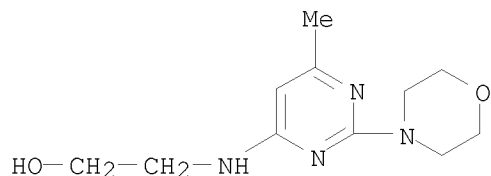
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 20090163545	A1	20090625	US 2008-341615	20081222
PRIORITY APPLN. INFO.:			US 2008-23801P	P 20080125
			US 2007-16362P	P 20071221
			US 2008-341615	20081222

IT 381182-68-9

RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)

RN 381182-68-9 CAPLUS

CN Ethanol, 2-[[6-methyl-2-(4-morpholinyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:846111 CAPLUS

DOCUMENT NUMBER: 151:92848

TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds

INVENTOR(S): Goldfarb, David Scott

PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: U.S. Pat. Appl. Publ., 57pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

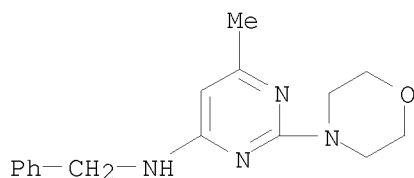
FAMILY ACC. NUM. COUNT: 20

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
PRIORITY APPLN. INFO.:			US 2008-23801P	P 20080125

US 2007-16362P P 20071221
US 2008-341615 20081222

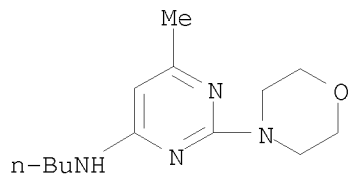
IT 381172-23-2
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of
eukaryotic organisms, and screening for such compds.)
RN 381172-23-2 CAPLUS
CN 4-Pyrimidinamine, 6-methyl-2-(4-morpholinyl)-N-(phenylmethyl)- (CA INDEX
NAME)



L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846105 CAPLUS
DOCUMENT NUMBER: 151:92842
TITLE: Method using lifespan-altering compounds for altering
the lifespan of eukaryotic organisms, and screening
for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
PRIORITY APPLN. INFO.:			US 2008-23801P	P 20080125
			US 2007-16362P	P 20071221
			US 2008-341615	20081222

IT 378223-24-6
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of
eukaryotic organisms, and screening for such compds.)
RN 378223-24-6 CAPLUS
CN 4-Pyrimidinamine, N-butyl-6-methyl-2-(4-morpholinyl)- (CA INDEX NAME)



L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2006:465536 CAPLUS
DOCUMENT NUMBER: 144:488668

TITLE: Pyridine- and pyrimidinecarboxylic acid derivatives and related compounds as IL-12 modulators and their preparation, pharmaceutical compositions, and use for treatment of various autoimmune diseases

INVENTOR(S): Sun, Lijun; Kostik, Elena; Przewloka, Teresa; Ng, Howard P.; Chimmanamada, Dinesh; Demko, Zachary

PATENT ASSIGNEE(S): Synta Pharmaceuticals Corp., USA

SOURCE: PCT Int. Appl., 246 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006053227	A2	20060518	WO 2005-US40952	20051110
WO 2006053227	A3	20060706		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005304393	A1	20060518	AU 2005-304393	20051110
CA 2586870	A1	20060518	CA 2005-2586870	20051110
US 20060223996	A1	20061005	US 2005-272509	20051110
EP 1819341	A2	20070822	EP 2005-820870	20051110
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
JP 2008519850	T	20080612	JP 2007-541357	20051110
PRIORITY APPLN. INFO.:			US 2004-626761P	P 20041110
			WO 2005-US40952	W 20051110

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 144:488668; MARPAT 144:488668

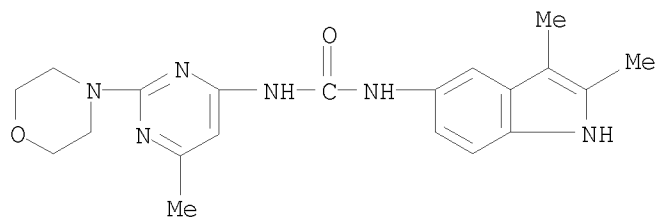
IT 887136-10-9P 887136-14-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

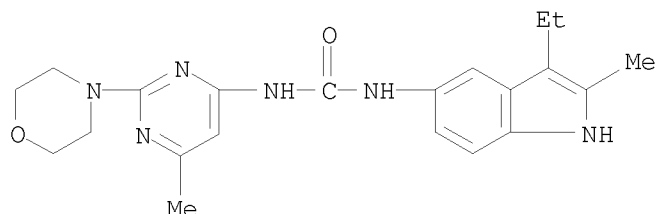
(drug candidate; preparation of pyridine- and pyrimidinecarboxylic acid derivs. and related compds. as IL-12 modulators useful in treatment of diseases)

RN 887136-10-9 CAPLUS

CN Urea, N-(2,3-dimethyl-1H-indol-5-yl)-N'-[6-methyl-2-(4-morpholinyl)-4-pyrimidinyl]- (CA INDEX NAME)



RN 887136-14-3 CAPLUS
 CN Urea, N-(3-ethyl-2-methyl-1H-indol-5-yl)-N'-[6-methyl-2-(4-morpholinyl)-4-pyrimidinyl]- (CA INDEX NAME)



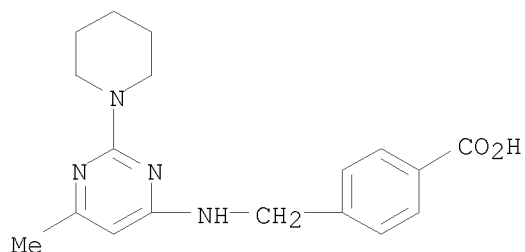
OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2003:532524 CAPLUS
 DOCUMENT NUMBER: 139:101141
 TITLE: Preparation of 2,4-diaminopyrimidines as inhibitors of prolylpeptidase, inducers of apoptosis and cancer treatment agents
 INVENTOR(S): Dumas, Jacques; Dixon, Julie; Sibley, Robert; Wood, Jill
 PATENT ASSIGNEE(S): Bayer Corporation, USA
 SOURCE: PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003055489	A1	20030710	WO 2002-US41146	20021220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2002367172 A1 20030715 AU 2002-367172 20021220 PRIORITY APPLN. INFO.: US 2001-343047P P 20011221 WO 2002-US41146 W 20021220				

OTHER SOURCE(S): MARPAT 139:101141
 IT 557789-91-0P 557789-92-1P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 2,4-diaminopyrimidines as inhibitors of prolylpeptidase, inducers of apoptosis and cancer treatment agents)
 RN 557789-91-0 CAPLUS
 CN Benzoic acid, 4-[[[6-methyl-2-(1-piperidinyl)-4-pyrimidinyl]amino]methyl]-

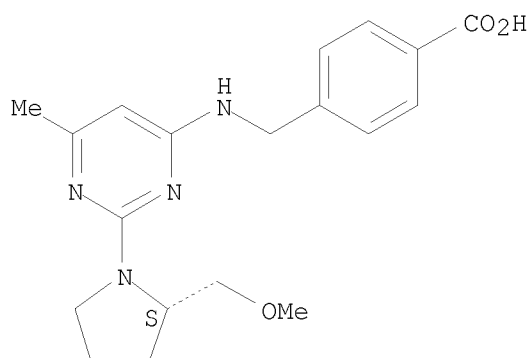
(CA INDEX NAME)



RN 557789-92-1 CAPLUS

CN Benzoic acid, 4-[[[2-[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]-6-methyl-4-pyrimidinyl]amino]methyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1991:23983 CAPLUS

DOCUMENT NUMBER: 114:23983

ORIGINAL REFERENCE NO.: 114:4293a,4296a

TITLE: Preparation of 2-aminopyrimidines as nervous system agents

INVENTOR(S): Tomino, Ikuo; Takesue, Mitsuyuki; Kihara, Noriaki; Kitahara, Takumi; Awaya, Akira; Horikomi, Kazutoshi; Sasaki, Tadayuki; Mizuchi, Akira

PATENT ASSIGNEE(S): Mitsui Petrochemical Industries, Ltd., Japan; Mitsui Pharmaceuticals, Inc.

SOURCE: Eur. Pat. Appl., 154 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 379806	A2	19900801	EP 1989-313595	19891227
EP 379806	A3	19910529		

EP 379806	B1	19960410		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 02221275	A	19900904	JP 1989-41729	19890223
HU 52769	A2	19900828	HU 1989-6762	19891222
HU 206337	B	19921028		
HU 61293	A2	19921228	HU 1992-1485	19891222
HU 210001	B	19950130		
HU 61313	A2	19921228	HU 1992-1487	19891222
HU 209594	B	19940829		
HU 61288	A2	19921228	HU 1992-1488	19891222
HU 209574	B	19940829		
JP 03014568	A	19910123	JP 1989-334759	19891226
JP 2744663	B2	19980428		
EP 612746	A1	19940831	EP 1994-105018	19891227
R: DE, FR, GB, IT				
AT 136542	T	19960415	AT 1989-313595	19891227
AU 8947329	A	19900705	AU 1989-47329	19891228
AU 629595	B2	19921008		
CA 2006944	A1	19900629	CA 1989-2006944	19891229
CN 1045390	A	19900919	CN 1989-109731	19891229
CN 1037513	C	19980225		
US 5147876	A	19920915	US 1989-459376	19891229
US 5264435	A	19931123	US 1992-888726	19920526
CN 1090846	A	19940817	CN 1993-119388	19931021
PRIORITY APPLN. INFO.:			JP 1988-333670	A 19881229
			JP 1989-41728	A 19890223
			JP 1989-41729	A 19890223
			HU 1989-6762	A3 19891222
			EP 1989-313595	A3 19891227
			US 1989-459376	A3 19891229

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S):

MARPAT 114:23983

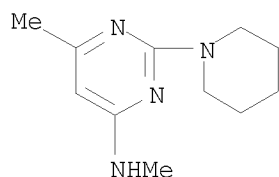
IT 131039-39-9P 131039-40-2P 131039-62-8P
131960-93-5P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of, as intermediate for nervous system agent)

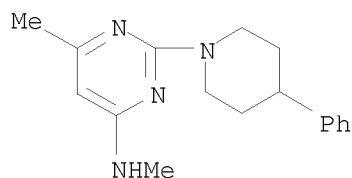
RN 131039-39-9 CAPLUS

CN 4-Pyrimidinamine, N,6-dimethyl-2-(1-piperidiny1)- (CA INDEX NAME)



RN 131039-40-2 CAPLUS

CN 4-Pyrimidinamine, N,6-dimethyl-2-(4-phenyl-1-piperidiny1)- (CA INDEX NAME)



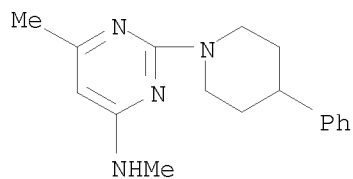
RN 131039-62-8 CAPLUS

CN 4-Pyrimidinamine, N,6-dimethyl-2-(4-phenyl-1-piperidinyl)-,
(2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 131039-40-2

CMF C17 H22 N4

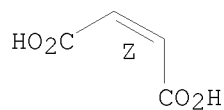


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



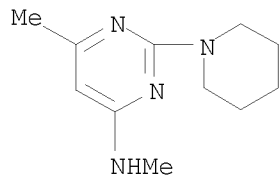
RN 131960-93-5 CAPLUS

CN 4-Pyrimidinamine, N,6-dimethyl-2-(1-piperidinyl)-, (2Z)-2-butenedioate
(9CI) (CA INDEX NAME)

CM 1

CRN 131039-39-9

CMF C11 H18 N4

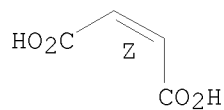


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.

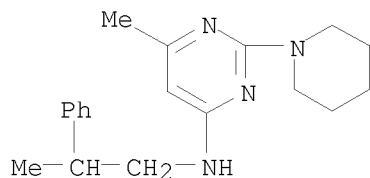


OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1975:412158 CAPLUS
DOCUMENT NUMBER: 83:12158
ORIGINAL REFERENCE NO.: 83:2031a,2034a
TITLE: Disperse pyrimidinylazo dyes
INVENTOR(S): Dunkelmann, Guenter; Dehnert, Johannes
PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.
SOURCE: Ger. Offen., 53 pp. Addn. to Ger. Offen. 2,202,820 (CA 80;16432e).
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2258609	A1	19740606	DE 1972-2258609	19721130
BE 794270	A1	19730719	BE 1973-126648	19730119
NL 7300834	A	19730724	NL 1973-834	19730119
FR 2168543	A1	19730831	FR 1973-1922	19730119
FR 2168543	B1	19771230		
DD 106191	A5	19740612	DD 1973-168357	19730119
IT 976968	B	19740910	IT 1973-47792	19730119
GB 1418742	A	19751224	GB 1973-2873	19730119
CH 574478	A5	19760415	CH 1973-821	19730119
JP 48083120	A	19731106	JP 1973-8727	19730122
PRIORITY APPLN. INFO.:			DE 1972-2202820	A 19720121
			DE 1972-2258609	A 19721130
			DE 1972-2261755	A 19721216

IT 55427-16-2P
RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation and coupling with diazotized aminobenzonitriles)
RN 55427-16-2 CAPLUS
CN 4-Pyrimidinamine, 6-methyl-N-(2-phenylpropyl)-2-(1-piperidinyl)- (CA INDEX NAME)



L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1975:5367 CAPLUS
DOCUMENT NUMBER: 82:5367
ORIGINAL REFERENCE NO.: 82:913a,916a
TITLE: Water-soluble diaminopyrimidine azo dyes
INVENTOR(S): Dunkelmann, Guenter; Dehnert, Johannes
PATENT ASSIGNEE(S): BASF A.-G.
SOURCE: Ger. Offen., 71 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2302582	A1	19740801	DE 1973-2302582	19730119
DE 2302582	B2	19770818		
FR 2214727	A1	19740819	FR 1974-1447	19740116
CH 587309	A5	19770429	CH 1974-659	19740117
BE 809918	A1	19740718	BE 1974-139963	19740118
BR 7400381	D0	19740910	BR 1974-381	19740118
CS 167860	B2	19760528	CS 1974-338	19740118
GB 1455194	A	19761110	GB 1974-2416	19740118
IT 1008715	B	19761130	IT 1974-47801	19740118
SU 547177	A3	19770215	SU 1974-1988038	19740118
JP 49106528	A	19741009	JP 1974-8239	19740119
JP 57047216	B	19821007		
US 4145341	A	19790320	US 1975-643525	19751222

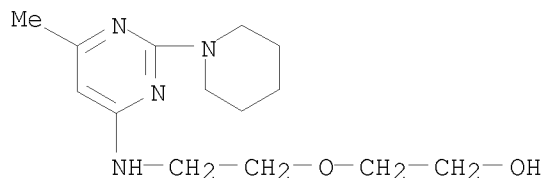
PRIORITY APPLN. INFO.:
DE 1973-2302582 A 19730119
US 1974-434248 A2 19740117

IT 53305-46-7

RL: RCT (Reactant); RACT (Reactant or reagent)
(coupling of, with diazotized aminoazobenzenesulfonic acid)

RN 53305-46-7 CAPLUS

CN Ethanol, 2-[2-[[6-methyl-2-(1-piperidinyl)-4-pyrimidinyl]amino]ethoxy]-
(CA INDEX NAME)



L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1974:16432 CAPLUS

DOCUMENT NUMBER: 80:16432

ORIGINAL REFERENCE NO.: 80:2755a,2758a

TITLE: Pyrimidine azo disperse dyes

INVENTOR(S): Dunkelmann, Guenter; Dehnert, Johannes

PATENT ASSIGNEE(S): Badische Anilin- & Soda-Fabrik AG

SOURCE: Ger. Offen., 60 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

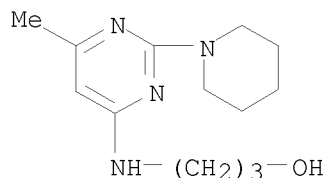
FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2202820	A1	19730726	DE 1972-2202820	19720121
DE 2202820	B2	19760701		
DE 2202820	C3	19770217		
BE 794270	A1	19730719	BE 1973-126648	19730119
NL 7300834	A	19730724	NL 1973-834	19730119
FR 2168543	A1	19730831	FR 1973-1922	19730119
FR 2168543	B1	19771230		
DD 106191	A5	19740612	DD 1973-168357	19730119
IT 976968	B	19740910	IT 1973-47792	19730119

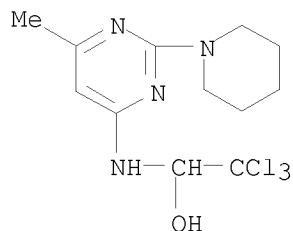
GB 1418742	A	19751224	GB 1973-2873	19730119
CH 574478	A5	19760415	CH 1973-821	19730119
JP 48083120	A	19731106	JP 1973-8727	19730122
PRIORITY APPLN. INFO.:			DE 1972-2202820	A 19720121
			DE 1972-2258609	A 19721130
			DE 1972-2261755	A 19721216

IT 42487-71-8P
 RL: IMF (Industrial manufacture); PREP (Preparation)
 (preparation of)
 RN 42487-71-8 CAPLUS
 CN 1-Propanol, 3-[[6-methyl-2-(1-piperidinyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

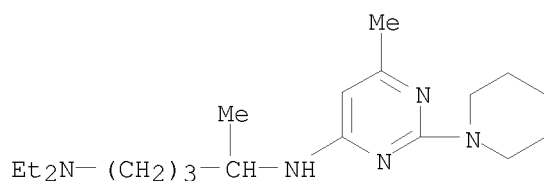
L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1958:55941 CAPLUS
 DOCUMENT NUMBER: 52:55941
 ORIGINAL REFERENCE NO.: 52:10099i,10100a-i,10101a-i,10102a-i,10103a-d
 TITLE: Pyrimidines. II. Synthesis and some reactions of pyrimidine-5-aldehyde
 AUTHOR(S): Hull, R.
 CORPORATE SOURCE: Imperial Chem. Inds. Ltd., Macclesfield, UK
 SOURCE: Journal of the Chemical Society (1957) 4845-57
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 52:55941
 IT 104850-72-8P, Ethanol, 2,2,2-trichloro-1-[(6-methyl-2-piperidino-4-pyrimidinyl)amino]-
 RL: PREP (Preparation)
 (preparation of)
 RN 104850-72-8 CAPLUS
 CN Ethanol, 2,2,2-trichloro-1-[[6-methyl-2-(1-piperidinyl)-4-pyrimidinyl]amino]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)

L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1946:25714 CAPLUS

DOCUMENT NUMBER: 40:25714
 ORIGINAL REFERENCE NO.: 40:5057c-i, 5058a-h
 TITLE: Synthetic antimalarials. III. Some derivatives of mono- and dialkylpyrimidines
 AUTHOR(S): Hull, R.; Lovell, B. J.; Openshaw, H. T.; Payman, L. C.; Todd, A. R.
 CORPORATE SOURCE: Univ. of Manchester, Blackley, Manchester 9, UK
 SOURCE: Journal of the Chemical Society (1946) 357-62
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 40:25714
 IT 873969-17-6P, Pyrimidine,
 4-(4-diethylamino-1-methylbutylamino)-6-methyl-2-(1-piperidyl)-
 RL: PREP (Preparation)
 (preparation of)
 RN 873969-17-6 CAPLUS
 CN 1,4-Pentanediamine, N1,N1-diethyl-N4-[6-methyl-2-(1-piperidinyl)-4-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

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 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
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 DICTIONARY FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

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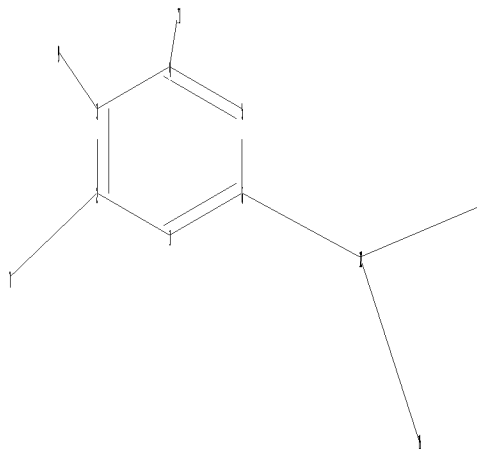
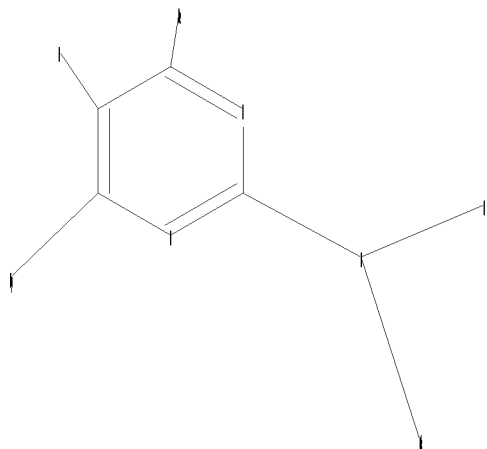
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chain nodes :
7 9 11 12 14 15
ring nodes :
1 2 3 4 5 6
chain bonds :
2-7 3-9 4-11 6-12 12-14 12-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-7 6-12 12-15
exact bonds :
3-9 4-11 12-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 9:CLASS 11:CLASS 12:Atom
14:CLASS 15:CLASS

Generic attributes :

7:
Saturation : Saturated
Type of Ring System : Monocyclic
15:
Saturation : Saturated

Element Count :

Node 7: Limited
O,00-1
N,N1

Node 12: Limited
N,N1
O,00-1

L7 STRUCTURE UPLOADED

=> s 17 sss full
FULL SEARCH INITIATED 13:30:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 399515 TO ITERATE

83.6% PROCESSED	333968 ITERATIONS	58 ANSWERS
100.0% PROCESSED	399515 ITERATIONS	58 ANSWERS
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FILE COVERS 1907 - 25 Feb 2010 VOL 152 ISS 9
FILE LAST UPDATED: 24 Feb 2010 (20100224/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 18
L9 23 L8

=> d 19 1-23 ibib hitstr

L9 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:948552 CAPLUS
DOCUMENT NUMBER: 151:245689
TITLE: Preparation of pyrimidinylpiperidinylcarboxamides as
 sEH inhibitors
INVENTOR(S): Marino, Joseph Paul, Jr.; McAtee, John Jeffrey

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
 SOURCE: PCT Int. Appl., 41pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2009097476	A1	20090806	WO 2009-US32526	20090130
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: US 2008-24609P P 20080130

OTHER SOURCE(S): MARPAT 151:245689

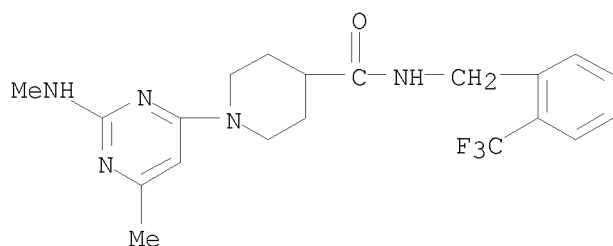
IT 1176761-06-0P 1176761-08-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of pyrimidinylpiperidinylcarboxamides as sEH inhibitors)

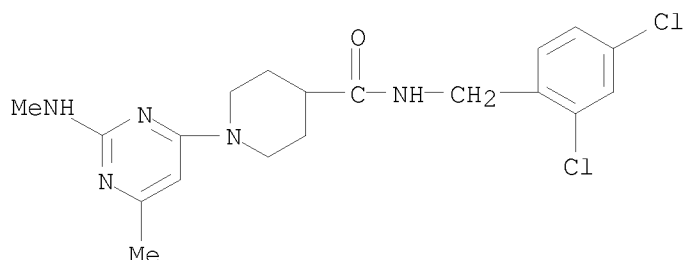
RN 1176761-06-0 CAPLUS

CN 4-Piperidinecarboxamide, 1-[6-methyl-2-(methylamino)-4-pyrimidinyl]-N-[[2-(trifluoromethyl)phenyl]methyl]- (CA INDEX NAME)



RN 1176761-08-2 CAPLUS

CN 4-Piperidinecarboxamide, N-[(2,4-dichlorophenyl)methyl]-1-[6-methyl-2-(methylamino)-4-pyrimidinyl]- (CA INDEX NAME)

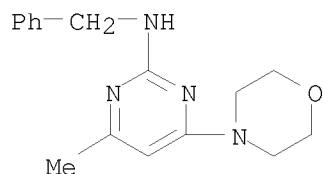


REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846113 CAPLUS
DOCUMENT NUMBER: 151:92850
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222
PRIORITY APPLN. INFO.:			US 2008-23801P	P 20080125
			US 2007-16362P	P 20071221
			US 2008-341615	20081222

IT 370851-73-3
RL: PAC (Pharmacological activity); BIOL (Biological study)
(method using lifespan-altering compds. for altering lifespan of eukaryotic organisms, and screening for such compds.)
RN 370851-73-3 CAPLUS
CN 2-Pyrimidinamine, 4-methyl-6-(4-morpholinyl)-N-(phenylmethyl)- (CA INDEX NAME)



L9 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2009:846103 CAPLUS
DOCUMENT NUMBER: 151:92840
TITLE: Method using lifespan-altering compounds for altering the lifespan of eukaryotic organisms, and screening for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 20
PATENT INFORMATION:

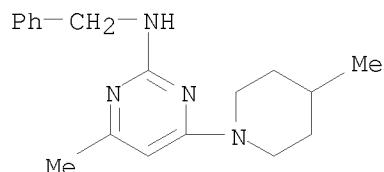
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222

PRIORITY APPLN. INFO.: US 2008-23801P P 20080125
 US 2007-16362P P 20071221
 US 2008-341615 20081222

IT 383893-74-1
 RL: PAC (Pharmacological activity); BIOL (Biological study)
 (method using lifespan-altering compds. for altering lifespan of
 eukaryotic organisms, and screening for such compds.)

RN 383893-74-1 CAPLUS

CN 2-Pyrimidinamine, 4-methyl-6-(4-methyl-1-piperidinyl)-N-(phenylmethyl)-
 (CA INDEX NAME)



L9 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:846099 CAPLUS

DOCUMENT NUMBER: 151:92836

TITLE: Method using lifespan-altering compounds for altering
 the lifespan of eukaryotic organisms, and screening
 for such compounds

INVENTOR(S): Goldfarb, David Scott

PATENT ASSIGNEE(S): University of Rochester, USA

SOURCE: U.S. Pat. Appl. Publ., 57pp.
 CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 20

PATENT INFORMATION:

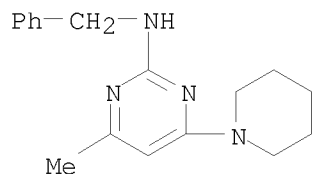
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090163545	A1	20090625	US 2008-341615	20081222
US 20090163545	A1	20090625	US 2008-341615	20081222

PRIORITY APPLN. INFO.: US 2008-23801P P 20080125
 US 2007-16362P P 20071221
 US 2008-341615 20081222

IT 369394-28-5
 RL: PAC (Pharmacological activity); BIOL (Biological study)
 (method using lifespan-altering compds. for altering lifespan of
 eukaryotic organisms, and screening for such compds.)

RN 369394-28-5 CAPLUS

CN 2-Pyrimidinamine, 4-methyl-N-(phenylmethyl)-6-(1-piperidinyl)- (CA INDEX
 NAME)



L9 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:676622 CAPLUS
 DOCUMENT NUMBER: 151:8534
 TITLE: Preparation of 2-aminopyrimidine compounds having affinity to chemokine receptors
 INVENTOR(S): Yen, Chi-Feng; Hu, Cheng-Kung; Chou, Ming-Chen; Tseng, Chen-Tso; Wu, Chien-Huang; Huang, Ying-Huey; Chen, Shu-Jen; King, Chi-Hsin Richard
 PATENT ASSIGNEE(S): Taigen Biotechnology Co., Ltd., Taiwan
 SOURCE: U.S. Pat. Appl. Publ., 137pp., Cont.-in-part of U.S. Ser. No. 451,897.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090143302	A1	20090604	US 2008-330132	20081208
US 20060281712	A1	20061214	US 2006-451897	20060613
AU 2006259525	A1	20061228	AU 2006-259525	20060613
CA 2612227	A1	20061228	CA 2006-2612227	20060613
EP 1890703	A2	20080227	EP 2006-773027	20060613
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008546698	T	20081225	JP 2008-517014	20060613
IN 2007MN02096	A	20080118	IN 2007-MN2096	20071210
KR 2008036038	A	20080424	KR 2008-701099	20080114
CN 101242848	A	20080813	CN 2006-80029591	20080213
ZA 2008001580	A	20090325	ZA 2008-1580	20080218
PRIORITY APPLN. INFO.:			US 2005-690267P	P 20050614
			US 2006-798596P	P 20060508
			US 2006-451897	A2 20060613
			WO 2006-US22975	W 20060613

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 151:8534

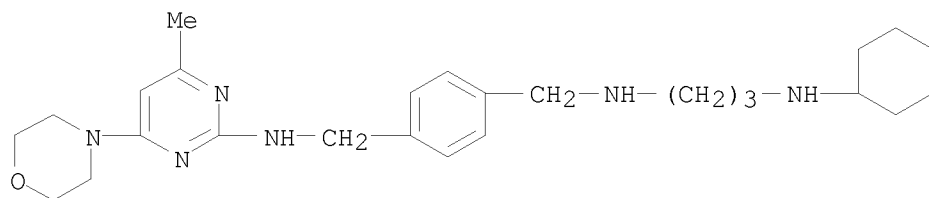
IT 917018-97-4P 917019-20-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-aminopyrimidines having affinity to chemokine receptors for treating inflammatory diseases or immune diseases, developmental or degenerative diseases, or tissue injuries)

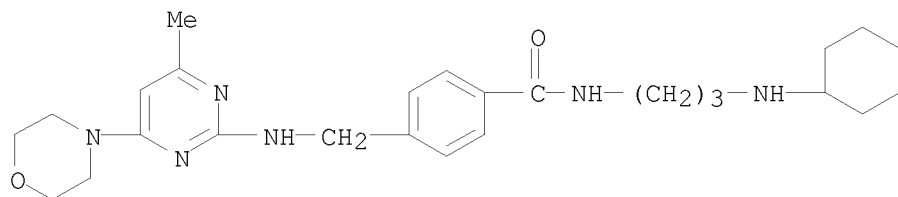
RN 917018-97-4 CAPLUS

CN 1,4-Benzenedimethanamine, N1-[3-(cyclohexylamino)propyl]-N4-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]- (CA INDEX NAME)



RN 917019-20-6 CAPLUS

CN Benzamide, N-[3-(cyclohexylamino)propyl]-4-[[[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]amino]methyl]- (CA INDEX NAME)



L9 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:505083 CAPLUS

DOCUMENT NUMBER: 148:464819

TITLE: Acaricidal thermoplastic resins and articles made therefrom

INVENTOR(S): Schneider, Armin; Herbst, Heinz; Rieffel, Thi Thoa; Kolb, Markus

PATENT ASSIGNEE(S): Ciba Holding Inc., Switz.

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008046746	A2	20080424	WO 2007-EP60576	20071005
WO 2008046746	A3	20090723		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				

PRIORITY APPLN. INFO.: EP 2006-122323 A 20061016

OTHER SOURCE(S): MARPAT 148:464819

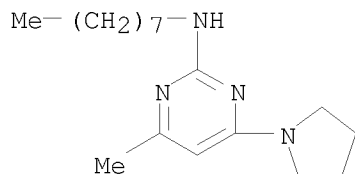
IT 838902-56-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(acaricidal thermoplastic resins and textiles and other articles made therefrom)

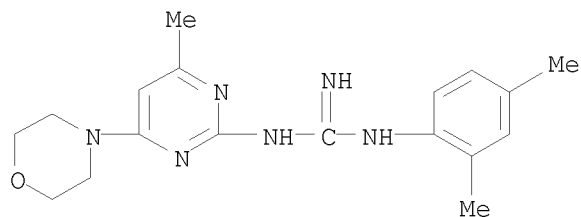
RN 838902-56-0 CAPLUS

CN 2-Pyrimidinamine, 4-methyl-N-octyl-6-(1-pyrrolidinyl)- (CA INDEX NAME)



L9 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:849780 CAPLUS
 DOCUMENT NUMBER: 148:115389
 TITLE: Virtual screening of tubercular acetohydroxy acid synthase inhibitors through analysis of structural models
 AUTHOR(S): Le, Dung Tien; Lee, Hyun-Sook; Chung, Young-Je; Yoon, Moon-Young; Choi, Jung-Do
 CORPORATE SOURCE: School of Life Sciences, Chungbuk National University, Cheongju, 361-763, S. Korea
 SOURCE: Bulletin of the Korean Chemical Society (2007), 28(6), 947-952
 CODEN: BKCSDE; ISSN: 0253-2964
 PUBLISHER: Korean Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 510738-43-9
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (All 50 compds., Table 4, page 951; binding to tubercular acetohydroxy acid synthase)
 RN 510738-43-9 CAPLUS
 CN Guanidine, N-(2,4-dimethylphenyl)-N'-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:438571 CAPLUS
 DOCUMENT NUMBER: 146:442660
 TITLE: Thermoplastic material having antibacterial and antifungal properties for garments or footwear
 INVENTOR(S): Herbst, Heinz
 PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
 SOURCE: PCT Int. Appl., 38pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007042416	A1	20070419	WO 2006-EP66947	20061002
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,				

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 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
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 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM
 EP 1934277 A1 20080625 EP 2006-793939 20061002
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 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 JP 2009513837 T 20090402 JP 2008-534982 20061002
 US 20090269379 A1 20091029 US 2008-83054 20080403
 MX 2008004718 A 20080422 MX 2008-4718 20080410
 IN 2008CN01799 A 20081226 IN 2008-CN1799 20080410
 CN 101291982 A 20081022 CN 2006-80037920 20080411
 KR 2008056756 A 20080623 KR 2008-710695 20080502
 PRIORITY APPLN. INFO.: EP 2005-109468 A 20051012
 WO 2006-EP66947 W 20061002

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

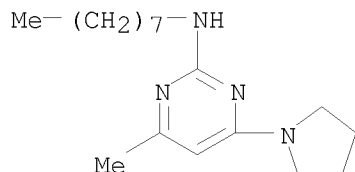
OTHER SOURCE(S): MARPAT 146:442660

IT 838902-56-0

RL: MOA (Modifier or additive use); USES (Uses)
 (antifungal; thermoplastic material having antibacterial and antifungal
 properties for garments or footwear)

RN 838902-56-0 CAPLUS

CN 2-Pyrimidinamine, 4-methyl-N-octyl-6-(1-pyrrolidinyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:61837 CAPLUS

DOCUMENT NUMBER: 146:156236

TITLE: Cellular cholesterol absorption modifiers, and their
 therapeutic use

INVENTOR(S): Gardiner, Elisabeth M.; Duron, Sergio G.; Massari,
 Mark E.; Severance, Daniel L.; Semple, Joseph E.

PATENT ASSIGNEE(S): Kalypsys, Inc., USA

SOURCE: PCT Int. Appl., 300pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007008541	A2	20070118	WO 2006-US26242	20060705
WO 2007008541	A3	20070726		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,			
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			

GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
 KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
 MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU,
 SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,
 US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2005-697659P P 20050708
 US 2005-697686P P 20050708
 US 2005-697814P P 20050708
 US 2005-727646P P 20051017
 US 2006-782303P P 20060313

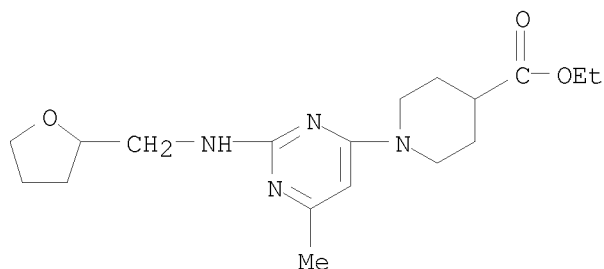
OTHER SOURCE(S): MARPAT 146:156236

IT 920528-10-5

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (cholesterol absorption modifiers and therapeutic use)

RN 920528-10-5 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[6-methyl-2-[(tetrahydro-2-
 furanyl)methyl]amino]-4-pyrimidinyl]-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
 (8 CITINGS)

L9 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1311324 CAPLUS

DOCUMENT NUMBER: 146:81879

TITLE: Preparation of aminopyrimidines as chemokine CXCR4
 receptor ligands.

INVENTOR(S): Yen, Chi-Feng; Hu, Cheng-Kung; Chou, Ming-Chen; Tseng,
 Chen-Tso; Wu, Chien-Huang; Huang, Ying-Huey; Chen,
 Shu-Jen; King, Chi-Hsin Richard

PATENT ASSIGNEE(S): Taigen Biotechnology, Taiwan

SOURCE: U.S. Pat. Appl. Publ., 141 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060281712	A1	20061214	US 2006-451897	20060613
AU 2006259525	A1	20061228	AU 2006-259525	20060613
CA 2612227	A1	20061228	CA 2006-2612227	20060613
US 20060293324	A1	20061228	US 2006-451771	20060613

US 7589197	B2	20090915		
WO 2006138304	A2	20061228	WO 2006-US22975	20060613
WO 2006138304	A3	20070524		

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

EP 1890703	A2	20080227	EP 2006-773027	20060613
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IN 2007MN02096	A	20080118	IN 2007-MN2096	20071210
KR 2008036038	A	20080424	KR 2008-701099	20080114
CN 101242848	A	20080813	CN 2006-80029591	20080213
ZA 2008001580	A	20090325	ZA 2008-1580	20080218
US 20090143302	A1	20090604	US 2008-330132	20081208

PRIORITY APPLN. INFO.: US 2005-690267P P 20050614
US 2006-798596P P 20060508
US 2006-451897 A2 20060613
WO 2006-US22975 W 20060613

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 146:81879

IT 917018-66-7P 917018-97-4P 917019-20-6P

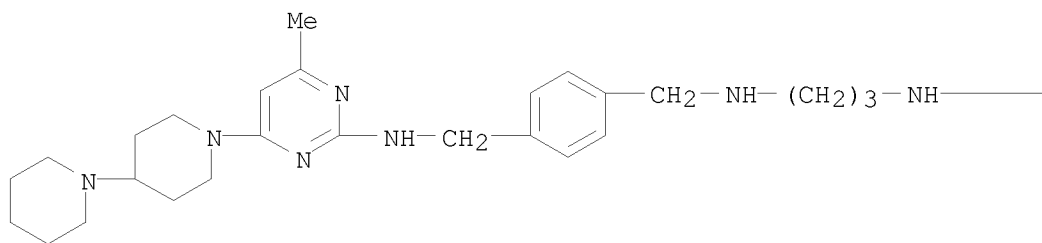
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aminopyrimidines as chemokine CXCR4 receptor ligands)

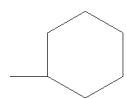
RN 917018-66-7 CAPLUS

CN 1,4-Benzenedimethanamine, N1-(4-[1,4'-bipiperidin]-1'-yl-6-methyl-2-pyrimidinyl)-N4-[3-(cyclohexylamino)propyl]- (CA INDEX NAME)

PAGE 1-A



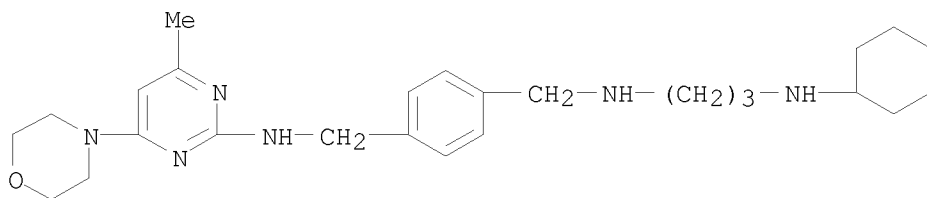
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RN 917018-97-4 CAPLUS

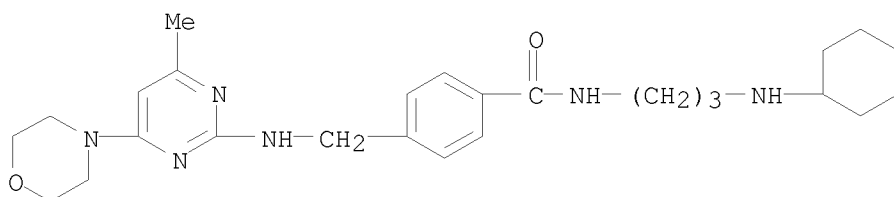
CN 1,4-Benzenedimethanamine, N1-[3-(cyclohexylamino)propyl]-N4-[4-methyl-6-(4-

morpholinyl)-2-pyrimidinyl]- (CA INDEX NAME)



RN 917019-20-6 CAPLUS

CN Benzamide, N-[3-(cyclohexylamino)propyl]-4-[[[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]amino]methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

L9 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:120774 CAPLUS

DOCUMENT NUMBER: 142:194227

TITLE: Synthesis of 2,4-bis(alkylamino)pyrimidines and their
use as antimicrobials

INVENTOR(S): Marquais-Bienewald, Sophie; Hoelzl, Werner; Preuss,
Andrea; Mehlin, Andreas

PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005011758	A2	20050210	WO 2004-EP51516	20040716
WO 2005011758	A3	20050428		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1648524	A2	20060426	EP 2004-766240	20040716
EP 1648524	B1	20090114		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 CN 1829538 A 20060906 CN 2004-80021631 20040716
 CN 100441228 C 20081210
 BR 2004012915 A 20060926 BR 2004-12915 20040716
 JP 2007500683 T 20070118 JP 2006-521569 20040716
 AT 420667 T 20090115 AT 2004-766240 20040716
 ES 2320772 T3 20090528 ES 2004-766240 20040716
 KR 2006052806 A 20060519 KR 2006-700734 20060111
 MX 2006000771 A 20060418 MX 2006-771 20060120
 US 20060188453 A1 20060824 US 2006-565545 20060123
 IN 2006CN00279 A 20070706 IN 2006-CN279 20060123
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 WO 2004-EP51516 W 20040716

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

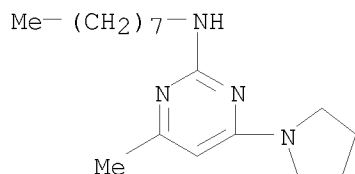
OTHER SOURCE(S): MARPAT 142:194227

IT 838902-56-0P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
 BIOL (Biological study); PREP (Preparation)
 (synthesis of 2,4-bis(alkylamino)pyrimidines and their use as
 antimicrobials)

RN 838902-56-0 CAPLUS

CN 2-Pyrimidinamine, 4-methyl-N-octyl-6-(1-pyrrolidinyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:515487 CAPLUS

DOCUMENT NUMBER: 141:71555

TITLE: Preparation of nitrogen-containing heterocyclic
 compounds as CXCR4 regulators

INVENTOR(S): Habashita, Hiromu; Kokubo, Masaya; Shibayama, Shiro;
 Tada, Hideaki; Tanihiro, Tatsuya

PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 641 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004052862	A1	20040624	WO 2003-JP15718	20031209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				

BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003288994 A1 20040630 AU 2003-288994 20031209
 EP 1571146 A1 20050907 EP 2003-778753 20031209
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 US 20070167459 A1 20070719 US 2005-538758 20050610
 PRIORITY APPLN. INFO.: JP 2002-357446 A 20021210
 JP 2003-162706 A 20030606
 WO 2003-JP15718 W 20031209

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 141:71555

IT 711001-73-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

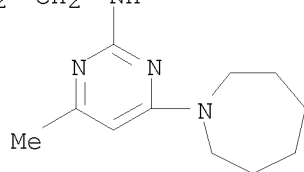
(preparation of nitrogen-containing heterocyclic compds. as CXCR4
 antagonists

for preparation and/treatment of diseases)

RN 711001-73-9 CAPLUS

CN 1,2-Ethanediamine, N2-[4-(hexahydro-1H-azepin-1-yl)-6-methyl-2-
 pyrimidinyl]-N1,N1-dimethyl- (CA INDEX NAME)

Me₂N-CH₂-CH₂-NH



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD
 (9 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:339483 CAPLUS

DOCUMENT NUMBER: 141:64398

TITLE: Synthesis and structure activity relationship of
 guanidines as NPY Y5 antagonists

AUTHOR(S): Aquino, Christopher J.; Ramanjulu, Joshi M.; Heyer,
 Dennis; Daniels, Alejandro J.; Palazzo, Fabio; Dezube,
 Milana

CORPORATE SOURCE: Department of Medicinal Chemistry, RTP,
 GlaxoSmithKline, NC, 27709, USA

SOURCE: Bioorganic & Medicinal Chemistry (2004), 12(10),
 2691-2708

CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 709666-43-3 709666-44-4 709666-45-5

709666-46-6, N-(4-Chlorophenyl)-N'-[4-methyl-6-(1-piperidinyl)-2-
 pyrimidinyl]guanidine 709666-47-7,

N-(4-Chlorophenyl)-N'-[4-methyl-6-(1,3-thiazolidin-3-yl)-2-
 pyrimidinyl]guanidine 709666-48-8,

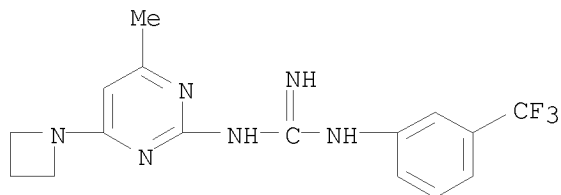
N-[4-Methyl-6-(1,3-thiazolidin-3-yl)-2-pyrimidinyl]-N'-[3-
 (trifluoromethyl)phenyl]guanidine 709666-49-9,

N-(4-Chlorophenyl)-N'-[4-(4-hydroxy-1-piperidyl)-6-methyl-2-pyrimidinyl]guanidine 709666-50-2,
 1-[2-[[-(4-Chloroanilino)(imino)methyl]amino]-6-methyl-4-pyrimidinyl]-4-piperidinecarboxylic acid 709666-51-3,
 N-(4-Chlorophenyl)-N'-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]guanidine
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);
 BIOL (Biological study)

(structure activity relationship of guanidines as NPY Y5 antagonists)

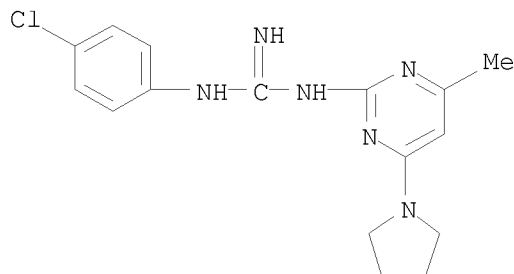
RN 709666-43-3 CAPLUS

CN Guanidine, N-[4-(1-azetidiny)-6-methyl-2-pyrimidinyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



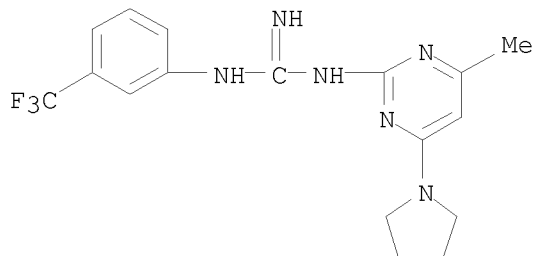
RN 709666-44-4 CAPLUS

CN Guanidine, N-(4-chlorophenyl)-N'-[4-methyl-6-(1-pyrrolidinyl)-2-pyrimidinyl]- (CA INDEX NAME)



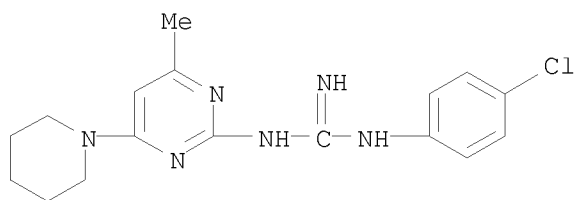
RN 709666-45-5 CAPLUS

CN Guanidine, N'-[4-methyl-6-(1-pyrrolidinyl)-2-pyrimidinyl]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



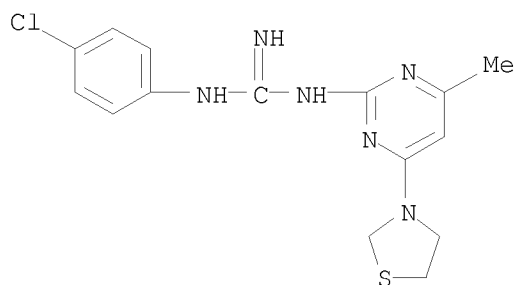
RN 709666-46-6 CAPLUS

CN Guanidine, N-(4-chlorophenyl)-N'-[4-methyl-6-(1-piperidinyl)-2-pyrimidinyl]- (CA INDEX NAME)



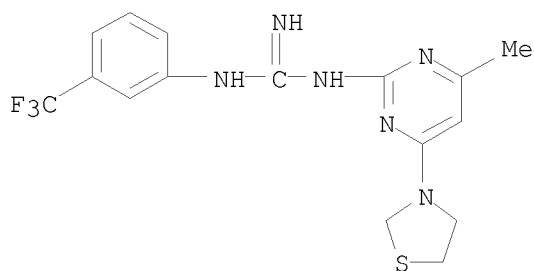
RN 709666-47-7 CAPLUS

CN Guanidine, N-(4-chlorophenyl)-N'-[4-methyl-6-(3-thiazolidinyl)-2-pyrimidinyl]- (CA INDEX NAME)



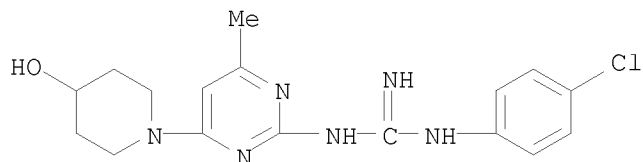
RN 709666-48-8 CAPLUS

CN Guanidine, N'-[4-methyl-6-(3-thiazolidinyl)-2-pyrimidinyl]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



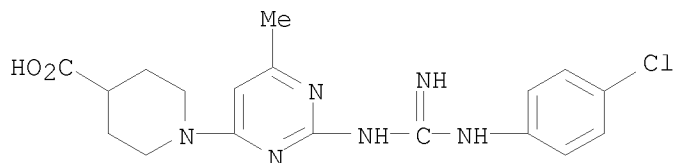
RN 709666-49-9 CAPLUS

CN Guanidine, N-(4-chlorophenyl)-N'-[4-(4-hydroxy-1-piperidinyl)-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)

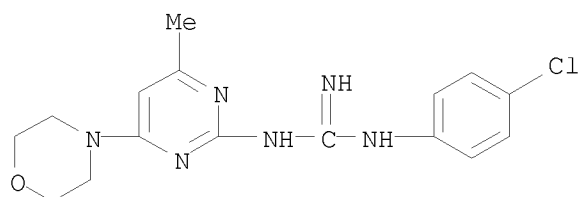


RN 709666-50-2 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[2-[[[(4-chlorophenyl)amino]iminomethyl]amino]-6-methyl-4-pyrimidinyl]- (CA INDEX NAME)



RN 709666-51-3 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:375285 CAPLUS

DOCUMENT NUMBER: 127:81614

ORIGINAL REFERENCE NO.: 127:15657a,15660a

TITLE: Pyrimidine bisphosphonate esters and (alkoxymethylphosphinyl)alkyl phosphonic acids as anti-inflammatories

INVENTOR(S): White, David R.; Fritzen, Edward L., Jr.

PATENT ASSIGNEE(S): Upjohn Co., USA

SOURCE: U.S., 10 pp., Cont.-in-part of U.S. Ser. No. 959,316, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5635495	A	19970603	US 1995-416797	19950406
WO 9409017	A1	19940428	WO 1993-US8626	19930920
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1992-958986	B2 19921009
			US 1992-959316	B2 19921009
			WO 1993-US8626	W 19930920

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 127:81614

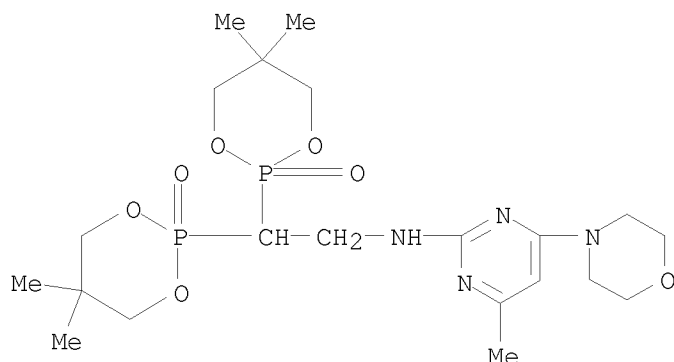
IT 157129-32-3P 157129-33-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrimidine bisphosphonate esters and
(alkoxymethylphosphinyl)alkylphosphonic acids as antiinflammatories)

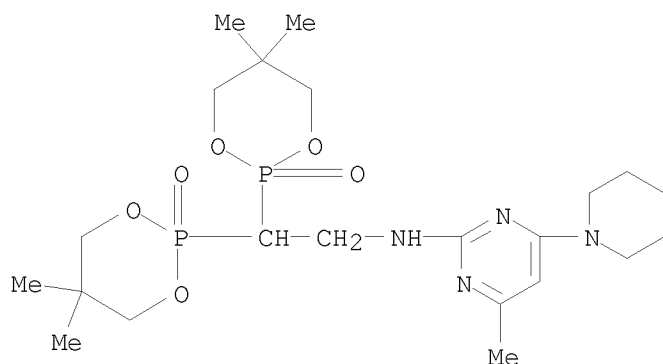
RN 157129-32-3 CAPLUS

CN 2-Pyrimidinamine, N-[2,2-bis(5,5-dimethyl-2-oxido-1,3,2-dioxaphosphorinan-2-yl)ethyl]-4-methyl-6-(4-morpholinyl)- (9CI) (CA INDEX NAME)



RN 157129-33-4 CAPLUS

CN 2-Pyrimidinamine, N-[2,2-bis(5,5-dimethyl-2-oxido-1,3,2-dioxaphosphorinan-2-yl)ethyl]-4-methyl-6-(1-piperidinyl)- (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1995:612210 CAPLUS

DOCUMENT NUMBER: 123:228093

ORIGINAL REFERENCE NO.: 123:40743a, 40746a

TITLE: Synthesis and antitumor activity of some substituted pyrimidines

AUTHOR(S): Youssef, K. M.; Abou-Sier, A. H.; Essawi, M. Y. H.; Shouman, S.

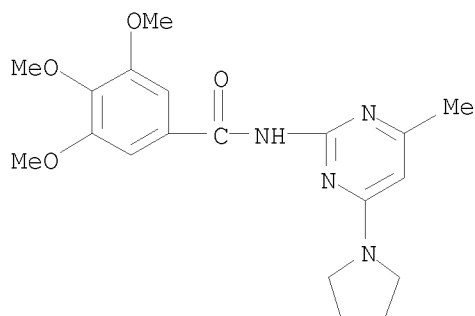
CORPORATE SOURCE: Faculty Pharmacy, Cairo University, Cairo, Egypt
SOURCE: Egyptian Journal of Pharmaceutical Sciences (1994), 35(1-6), 383-91

CODEN: EJPSBZ; ISSN: 0301-5068

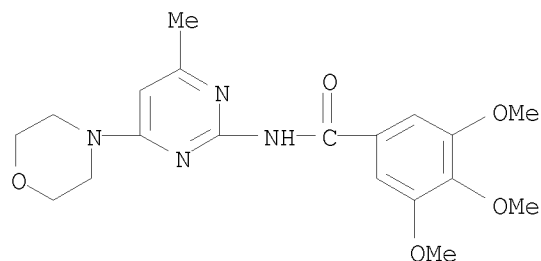
PUBLISHER: National Information and Documentation Centre

DOCUMENT TYPE: Journal

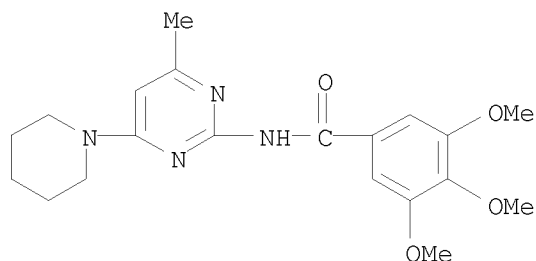
LANGUAGE: English
 IT 168197-67-9P 168197-68-0P 168197-69-1P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis and antitumor and antibacterial activity of some substituted pyrimidines)
 RN 168197-67-9 CAPLUS
 CN Benzamide, 3,4,5-trimethoxy-N-[4-methyl-6-(1-pyrrolidinyl)-2-pyrimidinyl]-
 (CA INDEX NAME)



RN 168197-68-0 CAPLUS
 CN Benzamide, 3,4,5-trimethoxy-N-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]-
 (CA INDEX NAME)



RN 168197-69-1 CAPLUS
 CN Benzamide, 3,4,5-trimethoxy-N-[4-methyl-6-(1-piperidinyl)-2-pyrimidinyl]-
 (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
 (4 CITINGS)

L9 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1994:534466 CAPLUS

DOCUMENT NUMBER: 121:134466
ORIGINAL REFERENCE NO.: 121:24325a,24328a
TITLE: Preparation of pyrimidine bisphosphonate esters and (alkoxymethylphosphinyl)alkyl phosphonic acids as antiinflammatories
INVENTOR(S): Dunn, Colin John; Chin, Jia En; Nugent, Richard Allen; White, David R.; Fritzen, Edward L., Jr.
PATENT ASSIGNEE(S): Upjohn Co., USA
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9409017	A1	19940428	WO 1993-US8626	19930920
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9348594	A	19940509	AU 1993-48594	19930920
EP 663919	A1	19950726	EP 1993-921537	19930920
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08502287	T	19960312	JP 1993-509997	19930920
US 5635495	A	19970603	US 1995-416797	19950406
PRIORITY APPLN. INFO.:			US 1992-958986	A2 19921009
			US 1992-959316	A2 19921009
			WO 1993-US8626	W 19930920

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

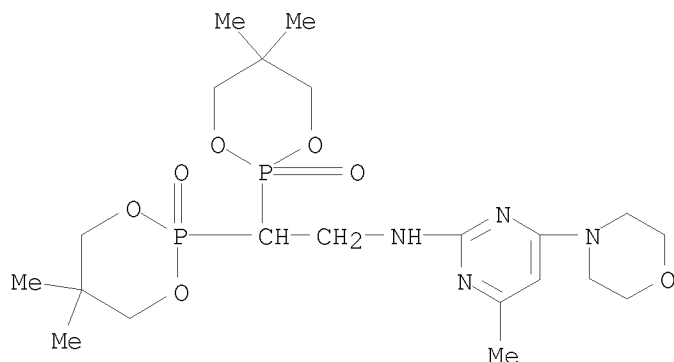
OTHER SOURCE(S): MARPAT 121:134466

IT 157129-32-3P 157129-33-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as antiinflammatory)

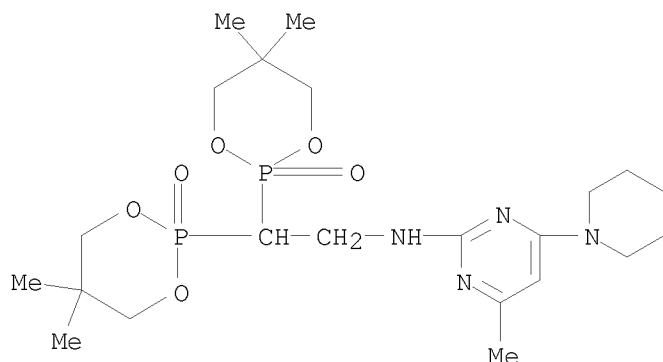
RN 157129-32-3 CAPLUS

CN 2-Pyrimidinamine, N-[2,2-bis(5,5-dimethyl-2-oxido-1,3,2-dioxaphosphorinan-2-yl)ethyl]-4-methyl-6-(4-morpholinyl)- (9CI) (CA INDEX NAME)



RN 157129-33-4 CAPLUS

CN 2-Pyrimidinamine, N-[2,2-bis(5,5-dimethyl-2-oxido-1,3,2-dioxaphosphorinan-2-yl)ethyl]-4-methyl-6-(1-piperidinyl)- (9CI) (CA INDEX NAME)



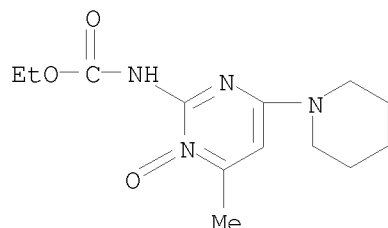
OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1991:656199 CAPLUS
DOCUMENT NUMBER: 115:256199
ORIGINAL REFERENCE NO.: 115:43573a, 43576a
TITLE: Preparation of N-sulfoxypyrimidine inner salts and
pyrimidine N-oxides as hair loss retardants
INVENTOR(S): Dufetel, Didier; Estradier, Francoise; Gaetani,
Quintino; Hocquaux, Michel
PATENT ASSIGNEE(S): Fr.
SOURCE: Can. Pat. Appl., 83 pp.
CODEN: CPXXEB
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2024156	A1	19910301	CA 1990-2024156	19900828
CA 2024156	C	20020101		
FR 2651122	A1	19910301	FR 1989-11352	19890829
FR 2651122	B1	19941028		
EP 420707	A1	19910403	EP 1990-402361	19900824
EP 420707	B1	19931215		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
AT 98468	T	19940115	AT 1990-402361	19900824
JP 03118372	A	19910520	JP 1990-224531	19900828
JP 3053200	B2	20000619		
CA 2285886	C	20020101	CA 1990-2285886	19900828
US 5610302	A	19970311	US 1995-461848	19950605
US 5760043	A	19980602	US 1996-768533	19961218
PRIORITY APPLN. INFO.:			FR 1989-11352	A 19890829
			EP 1990-402361	A 19900824
			US 1990-573578	B1 19900827
			CA 1990-2024156	A3 19900828
			US 1994-224176	A3 19940407

OTHER SOURCE(S): MARPAT 115:256199
IT 137215-90-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as hair loss retardant and growth stimulant)
RN 137215-90-8 CAPLUS

CN Carbamic acid, [6-methyl-1-oxido-4-(1-piperidinyl)-2-pyrimidinyl]-, ethyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

L9 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1991:23983 CAPLUS

DOCUMENT NUMBER: 114:23983

ORIGINAL REFERENCE NO.: 114:4293a,4296a

TITLE: Preparation of 2-aminopyrimidines as nervous system agents

INVENTOR(S): Tomino, Ikuo; Takesue, Mitsuyuki; Kihara, Noriaki; Kitahara, Takumi; Awaya, Akira; Horikomi, Kazutoshi; Sasaki, Tadayuki; Mizuchi, Akira

PATENT ASSIGNEE(S): Mitsui Petrochemical Industries, Ltd., Japan; Mitsui Pharmaceuticals, Inc.

SOURCE: Eur. Pat. Appl., 154 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 379806	A2	19900801	EP 1989-313595	19891227
EP 379806	A3	19910529		
EP 379806	B1	19960410		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 02221275	A	19900904	JP 1989-41729	19890223
HU 52769	A2	19900828	HU 1989-6762	19891222
HU 206337	B	19921028		
HU 61293	A2	19921228	HU 1992-1485	19891222
HU 210001	B	19950130		
HU 61313	A2	19921228	HU 1992-1487	19891222
HU 209594	B	19940829		
HU 61288	A2	19921228	HU 1992-1488	19891222
HU 209574	B	19940829		
JP 03014568	A	19910123	JP 1989-334759	19891226
JP 2744663	B2	19980428		
EP 612746	A1	19940831	EP 1994-105018	19891227
R: DE, FR, GB, IT				
AT 136542	T	19960415	AT 1989-313595	19891227
AU 8947329	A	19900705	AU 1989-47329	19891228
AU 629595	B2	19921008		
CA 2006944	A1	19900629	CA 1989-2006944	19891229
CN 1045390	A	19900919	CN 1989-109731	19891229
CN 1037513	C	19980225		
US 5147876	A	19920915	US 1989-459376	19891229
US 5264435	A	19931123	US 1992-888726	19920526

CN 1090846	A	19940817	CN 1993-119388	19931021
PRIORITY APPLN. INFO.:			JP 1988-333670	A 19881229
			JP 1989-41728	A 19890223
			JP 1989-41729	A 19890223
			HU 1989-6762	A3 19891222
			EP 1989-313595	A3 19891227
			US 1989-459376	A3 19891229

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

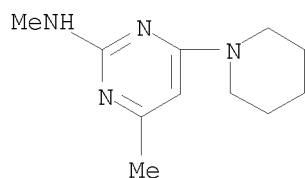
OTHER SOURCE(S): MARPAT 114:23983

IT 131039-55-9P 131039-56-0P 131039-70-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for nervous system agent)

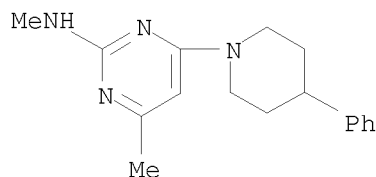
RN 131039-55-9 CAPLUS

CN 2-Pyrimidinamine, N,4-dimethyl-6-(1-piperidinyl)- (CA INDEX NAME)



RN 131039-56-0 CAPLUS

CN 2-Pyrimidinamine, N,4-dimethyl-6-(4-phenyl-1-piperidinyl)- (CA INDEX NAME)



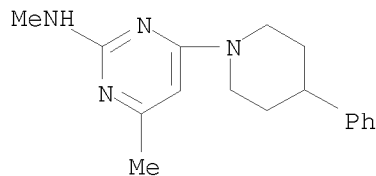
RN 131039-70-8 CAPLUS

CN 2-Pyrimidinamine, N,4-dimethyl-6-(4-phenyl-1-piperidinyl)-,
(2Z)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1

CRN 131039-56-0

CMF C17 H22 N4

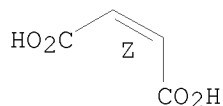


CM 2

CRN 110-16-7

CMF C4 H4 O4

Double bond geometry as shown.



OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)

L9 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1974:103776 CAPLUS

DOCUMENT NUMBER: 80:103776

ORIGINAL REFERENCE NO.: 80:16639a,16642a

TITLE: Antimalarial drugs. 35. Synthesis and antimalarial effects of 1-(3,4-dichlorophenyl)-3-[4-[(1-ethyl-3-piperidyl)amino]-6-methyl-2-pyrimidinyl]guanidine and related substances

AUTHOR(S): Elslager, Edward F.; Werbel, Leslie M.; Curry, Ann; Headen, Nancy; Johnson, Judith

CORPORATE SOURCE: Res. Dev. Div., Parke, Davis and Co., Ann Arbor, MI, USA

SOURCE: Journal of Medicinal Chemistry (1974), 17(1), 75-100
CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

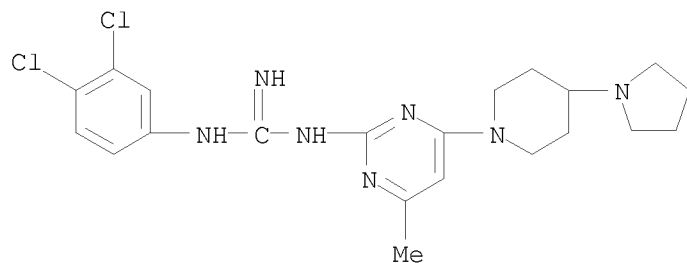
IT 51387-08-7P 51387-10-1P 51387-56-5P

51387-64-5P 51387-69-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antimalarial activity of)

RN 51387-08-7 CAPLUS

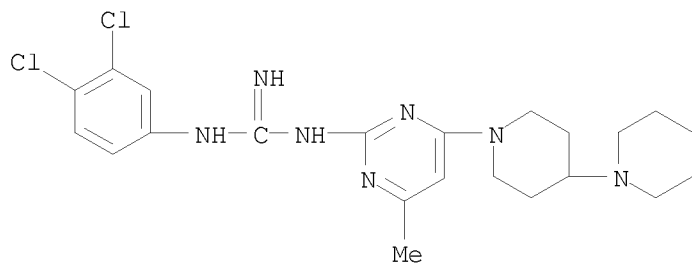
CN Guanidine, N-(3,4-dichlorophenyl)-N'-[4-methyl-6-[4-(1-pyrrolidinyl)-1-piperidinyl]-2-pyrimidinyl]-, hydrochloride (1:2) (CA INDEX NAME)



● 2 HCl

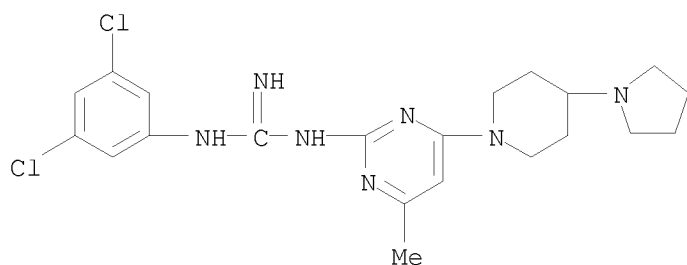
RN 51387-10-1 CAPLUS

CN Guanidine, N-(4-[1,4'-bipiperidin]-1'-yl-6-methyl-2-pyrimidinyl)-N'-(3,4-dichlorophenyl)-, hydrochloride (1:2) (CA INDEX NAME)



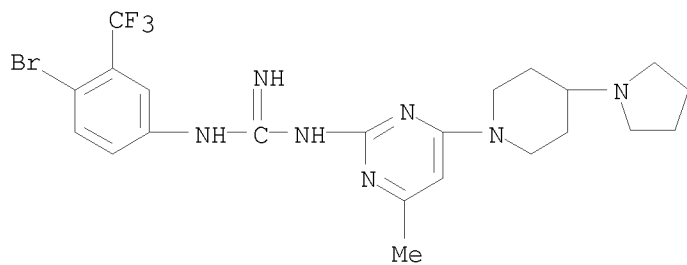
● 2 HCl

RN 51387-56-5 CAPLUS
 CN Guanidine, N-(3,5-dichlorophenyl)-N'-[4-methyl-6-[4-(1-pyrrolidinyl)-1-piperidinyl]-2-pyrimidinyl]-, hydrochloride (1:2) (CA INDEX NAME)

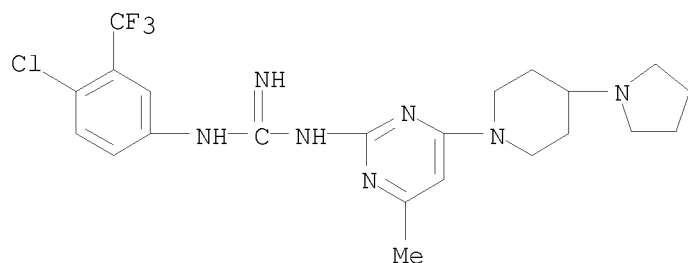


● 2 HCl

RN 51387-64-5 CAPLUS
 CN Guanidine, N-[4-bromo-3-(trifluoromethyl)phenyl]-N'-[4-methyl-6-[4-(1-pyrrolidinyl)-1-piperidinyl]-2-pyrimidinyl]- (CA INDEX NAME)



RN 51387-69-0 CAPLUS
 CN Guanidine, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[4-methyl-6-[4-(1-pyrrolidinyl)-1-piperidinyl]-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)

L9 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1970:31838 CAPLUS

DOCUMENT NUMBER: 72:31838

ORIGINAL REFERENCE NO.: 72:5841a,5844a

TITLE: Therapeutic 1,4-bis(4-amino-2-pyrimidylaminoalkyl)piperazines

PATENT ASSIGNEE(S): CIBA Ltd.

SOURCE: Fr., 10 pp.

CODEN: FRXXAK

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1549237		19681213	FR	19670725
CH 485753			CH	
CH 485754			CH	
CH 486471			CH	
CH 496718			CH	
DE 1670449			DE	
FR 7245			FR	
GB 1197089			GB	
US 3503977		19700331	US	19670712
PRIORITY APPLN. INFO.:			CH	19660728
			CH	19670613

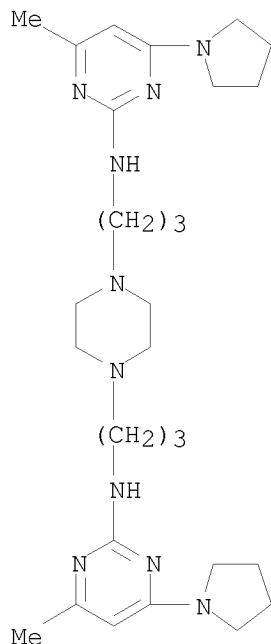
OTHER SOURCE(S): MARPAT 72:31838

IT 24888-98-0P

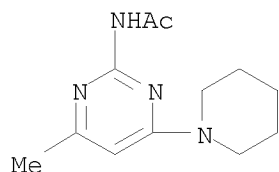
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 24888-98-0 CAPLUS

CN Pyrimidine, 2,2'-[1,4-piperazinediylbis(trimethyleneimino)]bis[4-methyl-6-(1-pyrrolidinyl)- (8CI) (CA INDEX NAME)



L9 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1955:32428 CAPLUS
 DOCUMENT NUMBER: 49:32428
 ORIGINAL REFERENCE NO.: 49:6270d-f
 TITLE: Acetylation of some aminopyrimidines
 AUTHOR(S): Phillips, Arthur P.; Mentha, John
 CORPORATE SOURCE: Wellcome Research Labs., Tuckahoe, NY
 SOURCE: Journal of the American Chemical Society (1954), 76,
 6200-2
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 49:32428
 IT 856971-84-1P, Pyrimidine, 2-acetamido-4-methyl-6-piperidino-
 RL: PREP (Preparation)
 (preparation of)
 RN 856971-84-1 CAPLUS
 CN Acetamide, N-[4-methyl-6-(1-piperidinyl)-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
 (3 CITINGS)

L9 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1948:32075 CAPLUS
 DOCUMENT NUMBER: 42:32075
 ORIGINAL REFERENCE NO.: 42:6828a-i

TITLE: Synthetic antimalarials. XXIV. Some 2-phenylureido- and 2-phenylthioureido-4-dialkylaminoalkylamino-6-methylpyrimidines

AUTHOR(S): Ashworth, R. de B.; Crowther, A. F.; Curd, F. H. S.; Rose, F. L.

CORPORATE SOURCE: Imp. Chem. Industries Ltd., Blackley, UK

SOURCE: Journal of the Chemical Society (1948) 581-6
CODEN: JCSOA9; ISSN: 0368-1769

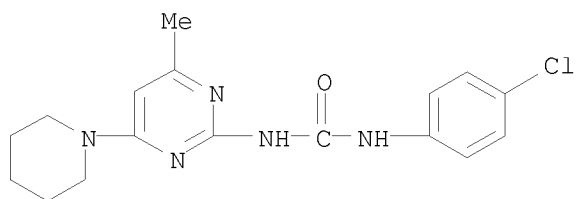
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 857375-91-8P, Piperidine,
1-[2-[3-(p-chlorophenyl)ureido]-6-methyl-4-pyrimidinyl]-
859734-44-4P, Morpholine, 4-[2-[3-(p-chlorophenyl)ureido]-6-methyl-
4-pyrimidinyl]-
RL: PREP (Preparation)
(preparation of)

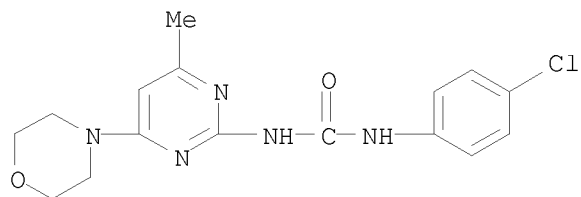
RN 857375-91-8 CAPLUS

CN Urea, N-(4-chlorophenyl)-N'-[4-methyl-6-(1-piperidinyl)-2-pyrimidinyl]-
(CA INDEX NAME)



RN 859734-44-4 CAPLUS

CN Urea, N-(4-chlorophenyl)-N'-[4-methyl-6-(4-morpholinyl)-2-pyrimidinyl]-
(CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L9 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1948:32074 CAPLUS

DOCUMENT NUMBER: 42:32074

ORIGINAL REFERENCE NO.: 42:6826e-i, 6827a-i, 6828a

TITLE: Synthetic antimalarials. XXIII.
2-Arylguanidino-4-aminoalkylaminopyrimidines. Further variations

AUTHOR(S): Cliffe, W. H.; Curd, F. H. S.; Rose, F. L.; Scott, M.

CORPORATE SOURCE: Imp. Chem. Industries Ltd., Blackley, UK

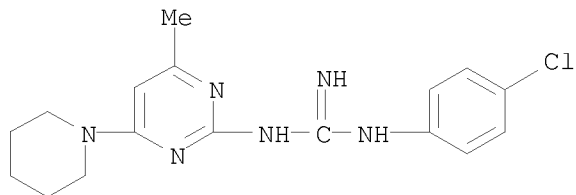
SOURCE: Journal of the Chemical Society (1948) 574-81
CODEN: JCSOA9; ISSN: 0368-1769

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 709666-46-6P, Guanidine,
1-(p-chlorophenyl)-3-[4-methyl-6-piperidino-2-pyrimidinyl]-

RL: PREP (Preparation)
(preparation of)
RN 709666-46-6 CAPLUS
CN Guanidine, N-(4-chlorophenyl)-N'-[4-methyl-6-(1-piperidinyl)-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

=> file refig
'REFG' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'CAPLUS'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	93.73	724.67

FILE 'REGISTRY' ENTERED AT 13:32:28 ON 25 FEB 2010
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STRUCTURE FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6
DICTIONARY FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

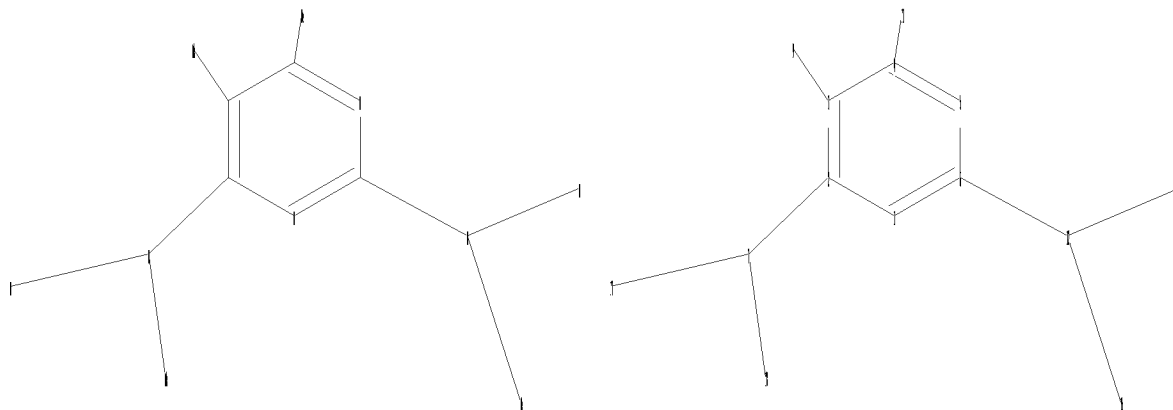
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\88521.str



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chain nodes :
7 9 11 12 14 15 17 18
ring nodes :
1 2 3 4 5 6
chain bonds :
2-7 3-9 4-11 6-12 7-17 7-18 12-14 12-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
2-7 3-9 6-12 7-18 12-15
exact bonds :
4-11 7-17 12-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

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G1:H,CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 9:CLASS 11:CLASS 12:Atom
14:CLASS 15:CLASS 17:CLASS 18:CLASS
Generic attributes :
9:
Type of chain           : Linear
Saturation              : Saturated
15:
Saturation              : Saturated

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Element Count :
Node 7: Limited
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N,N1

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Node 12: Limited
N,N1
O,O0-1

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L11 31 SEA SSS FUL L10

FILE 'CAPLUS' ENTERED AT 13:33:57 ON 25 FEB 2010
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FILE COVERS 1907 - 25 Feb 2010 VOL 152 ISS 9
FILE LAST UPDATED: 24 Feb 2010 (20100224/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

$$\Rightarrow s_{111} = \frac{1}{15} L_{11}$$

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L12 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2008:505083 CAPLUS
DOCUMENT NUMBER: 148:464819
TITLE: Acaricidal thermoplastic resins and articles made
therefrom
INVENTOR(S): Schneider, Armin; Herbst, Heinz; Rieffel, Thi Thoa;
Kolb, Markus
PATENT ASSIGNEE(S): Ciba Holding Inc., Switz.
SOURCE: PCT Int. Appl., 35 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008046746	A2	20080424	WO 2007-EP60576	20071005
WO 2008046746	A3	20090723		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			

PRIORITY APPLN. INFO.: EP 2006-122323 A 20061016

OTHER SOURCE(S): MARPAT 148:464819

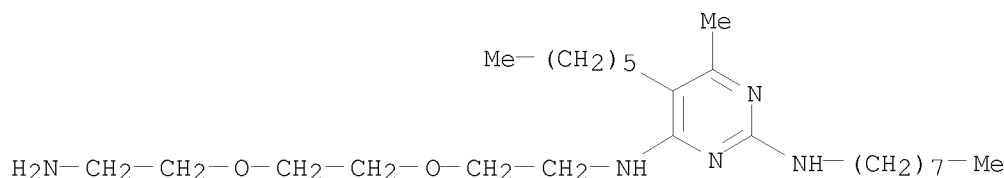
IT 838902-57-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(acaricidal thermoplastic resins and textiles and other articles made therefrom)

RN 838902-57-1 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-5-hexyl-6-methyl-N2-octyl- (CA INDEX NAME)



L12 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:438571 CAPLUS

DOCUMENT NUMBER: 146:442660

TITLE: Thermoplastic material having antibacterial and antifungal properties for garments or footwear

INVENTOR(S): Herbst, Heinz

PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.

SOURCE: PCT Int. Appl., 38pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007042416	A1	20070419	WO 2006-EP66947	20061002
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,			

KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
 MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
 RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
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 KG, KZ, MD, RU, TJ, TM

EP 1934277 A1 20080625 EP 2006-793939 20061002
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 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 JP 2009513837 T 20090402 JP 2008-534982 20061002
 US 20090269379 A1 20091029 US 2008-83054 20080403
 MX 2008004718 A 20080422 MX 2008-4718 20080410
 IN 2008CN01799 A 20081226 IN 2008-CN1799 20080410
 CN 101291982 A 20081022 CN 2006-80037920 20080411
 KR 2008056756 A 20080623 KR 2008-710695 20080502

PRIORITY APPLN. INFO.:

EP 2005-109468 A 20051012
 WO 2006-EP66947 W 20061002

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

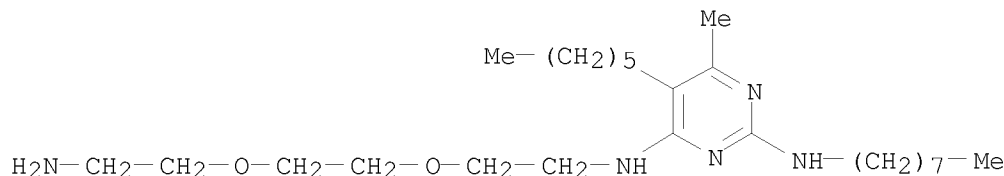
OTHER SOURCE(S): MARPAT 146:442660

IT 838902-57-1

RL: MOA (Modifier or additive use); USES (Uses)
 (antifungal; thermoplastic material having antibacterial and antifungal
 properties for garments or footwear)

RN 838902-57-1 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-5-hexyl-6-
 methyl-N2-octyl- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:120774 CAPLUS

DOCUMENT NUMBER: 142:194227

TITLE: Synthesis of 2,4-bis(alkylamino)pyrimidines and their
 use as antimicrobials

INVENTOR(S): Marquais-Bienewald, Sophie; Hoelzl, Werner; Preuss,
 Andrea; Mehlin, Andreas

PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005011758	A2	20050210	WO 2004-EP51516	20040716

WO 2005011758 A3 20050428

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

EP 1648524 A2 20060426 EP 2004-766240 20040716

EP 1648524 B1 20090114

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK

CN 1829538 A 20060906 CN 2004-80021631 20040716

CN 100441228 C 20081210

BR 2004012915 A 20060926 BR 2004-12915 20040716

JP 2007500683 T 20070118 JP 2006-521569 20040716

AT 420667 T 20090115 AT 2004-766240 20040716

ES 2320772 T3 20090528 ES 2004-766240 20040716

KR 2006052806 A 20060519 KR 2006-700734 20060111

MX 2006000771 A 20060418 MX 2006-771 20060120

US 20060188453 A1 20060824 US 2006-565545 20060123

IN 2006CN00279 A 20070706 IN 2006-CN279 20060123

PRIORITY APPLN. INFO.:

EP 2003-102296 A 20030725

WO 2004-EP51516 W 20040716

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 142:194227

IT 838902-95-7 838902-97-9 838902-98-0

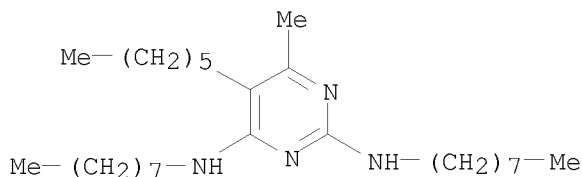
838903-23-4 838903-24-5 838903-26-7

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(synthesis of 2,4-bis(alkylamino)pyrimidines and their use as
antimicrobials)

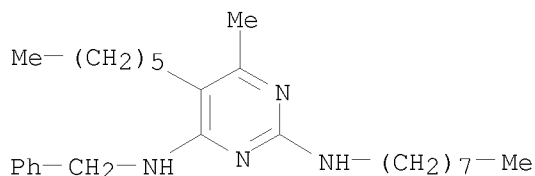
RN 838902-95-7 CAPLUS

CN 2,4-Pyrimidinediamine, 5-hexyl-6-methyl-N2,N4-dioctyl- (CA INDEX NAME)



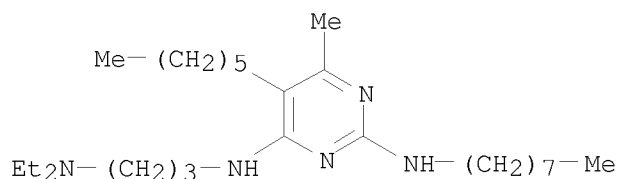
RN 838902-97-9 CAPLUS

CN 2,4-Pyrimidinediamine, 5-hexyl-6-methyl-N2-octyl-N4-(phenylmethyl)- (CA INDEX NAME)



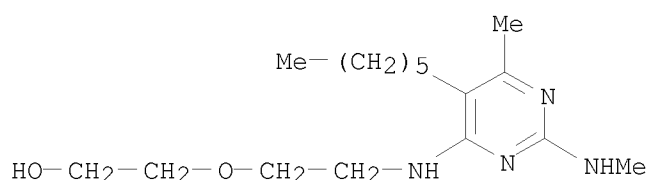
RN 838902-98-0 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[3-(diethylamino)propyl]-5-hexyl-6-methyl-N2-octyl- (CA INDEX NAME)



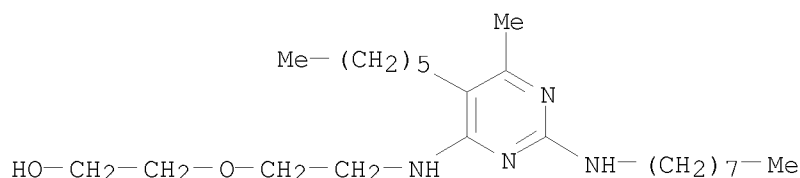
RN 838903-23-4 CAPLUS

CN Ethanol, 2-[2-[[5-hexyl-6-methyl-2-(methylamino)-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)



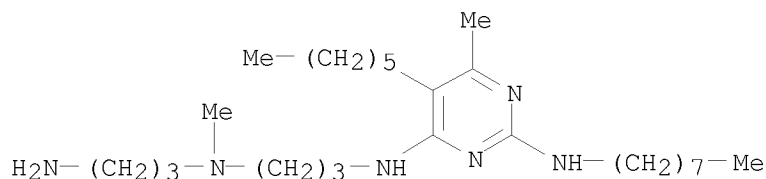
RN 838903-24-5 CAPLUS

CN Ethanol, 2-[2-[[5-hexyl-6-methyl-2-(octylamino)-4-pyrimidinyl]amino]ethoxy]- (CA INDEX NAME)



RN 838903-26-7 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[3-[(3-aminopropyl)methylamino]propyl]-5-hexyl-6-methyl-N2-octyl- (CA INDEX NAME)

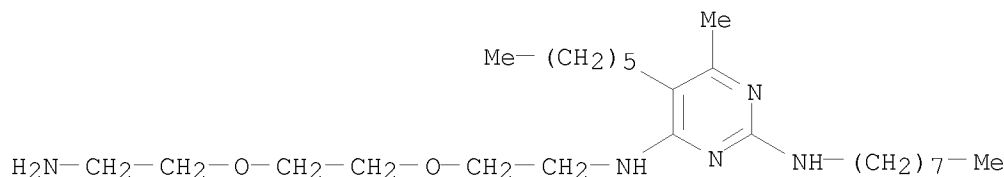


IT 838902-57-1P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
BIOL (Biological study); PREP (Preparation)
(synthesis of 2,4-bis(alkylamino)pyrimidines and their use as
antimicrobials)

RN 838902-57-1 CAPLUS

CN 2,4-Pyrimidinediamine, N4-[2-[2-(2-aminoethoxy)ethoxy]ethyl]-5-hexyl-6-methyl-N2-octyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1996:380214 CAPLUS

DOCUMENT NUMBER: 125:51520

ORIGINAL REFERENCE NO.: 125:9761a,9764a

TITLE: Preparation of insecticidal

5-substituted-2,4-diaminopyrimidine derivatives

INVENTOR(S): Henrie, Robert N. II; Peake, Clinton J.; Cullen, Thomas G.; Lew, Albert C.; Chaguturu, Munirathnam K.; Ray, Partha S.; Yeager, Walter H.

PATENT ASSIGNEE(S): FMC Corp., USA

SOURCE: U.S., 44 pp., Cont.-in-part of U.S. Ser. No. 985,084, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5521192	A	19960528	US 1994-237481	19940503
ZA 9308591	A	19940803	ZA 1993-8591	19931117
CA 2150672	A1	19940609	CA 1993-2150672	19931118
LT 3166	B	19950227	LT 1993-1510	19931201
CN 1096156	A	19941214	CN 1993-120401	19931202
US 5587379	A	19961224	US 1995-446354	19950522
US 5627189	A	19970506	US 1995-555249	19951108
PRIORITY APPLN. INFO.:			US 1992-985084	B2 19921202
			US 1994-237481	A3 19940503

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

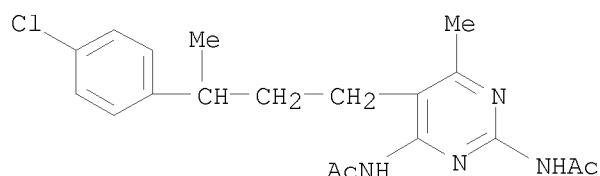
OTHER SOURCE(S): MARPAT 125:51520

IT 178274-81-2P 178274-82-3P

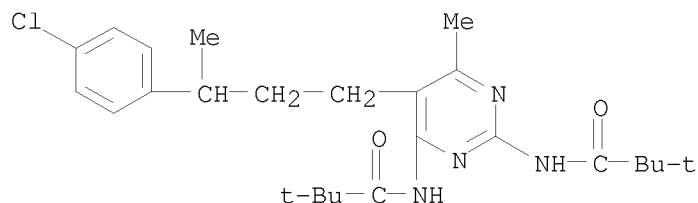
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as insecticide)

RN 178274-81-2 CAPLUS

CN Acetamide, N,N'-[5-[3-(4-chlorophenyl)butyl]-6-methyl-2,4-pyrimidinediyl]bis- (9CI) (CA INDEX NAME)



RN 178274-82-3 CAPLUS
 CN Propanamide, N,N'-[5-[3-(4-chlorophenyl)butyl]-6-methyl-2,4-pyrimidinediyl]bis[2,2-dimethyl- (9CI) (CA INDEX NAME)

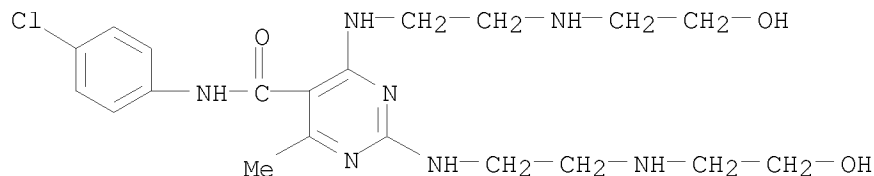


OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1994:457486 CAPLUS
 DOCUMENT NUMBER: 121:57486
 ORIGINAL REFERENCE NO.: 121:10369a,10372a
 TITLE: Reactions of 4-mercaptopyrimidine derivatives with 2-[(2-aminoethyl)amino]ethanol. Synthesis of the novel pyrimidotriazocine system
 AUTHOR(S): Dlugosz, Anna
 CORPORATE SOURCE: Dep. Org. Chem., Sch. Med., Wroclaw, 50137, Pol.
 SOURCE: Acta Poloniae Pharmaceutica (1993), 50(2-3), 253-7
 CODEN: APPHAX; ISSN: 0001-6837
 DOCUMENT TYPE: Journal
 LANGUAGE: Polish
 OTHER SOURCE(S): CASREACT 121:57486
 IT 142210-35-3P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and immunostimulant activity of)
 RN 142210-35-3 CAPLUS
 CN 5-Pyrimidinecarboxamide, N-(4-chlorophenyl)-2,4-bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-6-methyl-, compd. with 2,4,6-trinitrophenol (1:1) (9CI) (CA INDEX NAME)

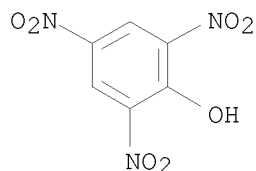
CM 1

CRN 142210-34-2
 CMF C20 H30 Cl N7 O3

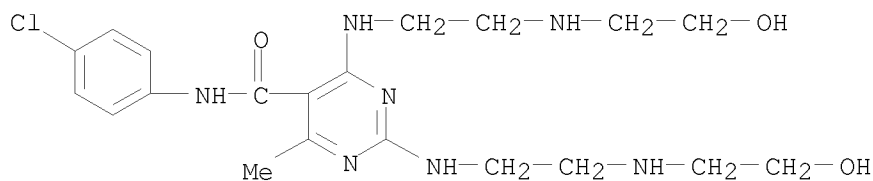


CM 2

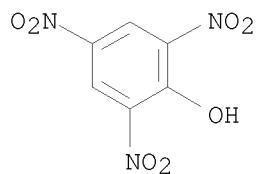
CRN 88-89-1
 CMF C6 H3 N3 O7



L12 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1992:448521 CAPLUS
 DOCUMENT NUMBER: 117:48521
 ORIGINAL REFERENCE NO.: 117:8659a,8662a
 TITLE: The reaction of 4-mercaptopyrimidines with
 2-(2'-aminoethylamino)ethanol: synthesis of new ring
 system pyrimidotriazocine
 AUTHOR(S): Dlugosz, A.
 CORPORATE SOURCE: Fac. Pharm., Med. Univ., Wroclaw, Pol.
 SOURCE: Pharmazie (1992), 47(3), 186-8
 CODEN: PHARAT; ISSN: 0031-7144
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 117:48521
 IT 142210-35-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 142210-35-3 CAPLUS
 CN 5-Pyrimidinecarboxamide, N-(4-chlorophenyl)-2,4-bis[[2-[(2-
 hydroxyethyl)amino]ethyl]amino]-6-methyl-, compd. with
 2,4,6-trinitrophenol (1:1) (9CI) (CA INDEX NAME)
 CM 1
 CRN 142210-34-2
 CMF C20 H30 Cl N7 O3



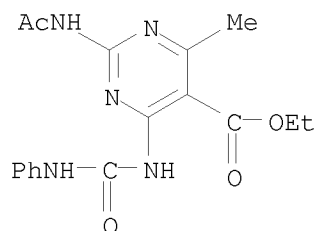
CM 2
 CRN 88-89-1
 CMF C6 H3 N3 O7



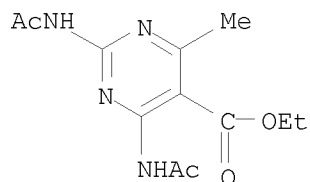
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)

L12 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1991:408712 CAPLUS
DOCUMENT NUMBER: 115:8712
ORIGINAL REFERENCE NO.: 115:1701a,1704a
TITLE: Synthesis of 2,4-diamino-5-acetyl(ethoxycarbonyl)pyrimidines from β -dicarbonyl compounds and dicyandiamide and their application for the construction of pyrimido[4,5-d]pyrimidine system
AUTHOR(S): Dorokhov, V. A.; Gordeev, M. F.; Komkov, A. V.; Bogdanov, V. S.
CORPORATE SOURCE: Inst. Org. Khim. im. Zelinskogo, Moscow, USSR
SOURCE: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1991), (1), 159-64
CODEN: IASKA6; ISSN: 0002-3353
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 115:8712
IT 134221-35-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and cyclization of)
RN 134221-35-5 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 2-(acetylamino)-4-methyl-6-[[(phenylamino)carbonyl]amino]-, ethyl ester (CA INDEX NAME)



IT 134221-30-0P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
RN 134221-30-0 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 2,4-bis(acetylamino)-6-methyl-, ethyl ester (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L12 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1976:164836 CAPLUS
DOCUMENT NUMBER: 84:164836
ORIGINAL REFERENCE NO.: 84:26767a,26770a

TITLE: Herbicidal pyrimidine derivatives
 INVENTOR(S): Sunley, Raymond L.; Snowling, Geoffrey D.
 PATENT ASSIGNEE(S): Imperial Chemical Industries Ltd., UK
 SOURCE: Ger. Offen., 52 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

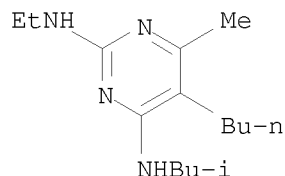
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2533710	A1	19760219	DE 1975-2533710	19750728
ZA 7504647	A	19760728	ZA 1975-4647	19750718
US 4116674	A	19780926	US 1975-597572	19750721
AU 7583306	A	19770127	AU 1975-83306	19750723
BE 831938	A1	19760130	BE 1975-158787	19750730
FR 2281065	A1	19760305	FR 1975-24250	19750804
FR 2281065	B1	19790824		
DK 7503548	A	19760206	DK 1975-3548	19750805
NL 7509303	A	19760209	NL 1975-9303	19750805
JP 51041434	A	19760407	JP 1975-94797	19750805
PRIORITY APPLN. INFO.:			GB 1974-34335	A 19740805

IT 59143-99-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation and herbicidal activity of)

RN 59143-99-6 CAPLUS

CN 2,4-Pyrimidinediamine, 5-butyl-N2-ethyl-6-methyl-N4-(2-methylpropyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L12 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1974:103776 CAPLUS

DOCUMENT NUMBER: 80:103776

ORIGINAL REFERENCE NO.: 80:16639a,16642a

TITLE: Antimalarial drugs. 35. Synthesis and antimalarial effects of 1-(3,4-dichlorophenyl)-3-[4-[(1-ethyl-3-piperidyl)amino]-6-methyl-2-pyrimidinyl]guanidine and related substances

AUTHOR(S): Elslager, Edward F.; Werbel, Leslie M.; Curry, Ann; Headen, Nancy; Johnson, Judith

CORPORATE SOURCE: Res. Dev. Div., Parke, Davis and Co., Ann Arbor, MI, USA

SOURCE: Journal of Medicinal Chemistry (1974), 17(1), 75-100
 CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

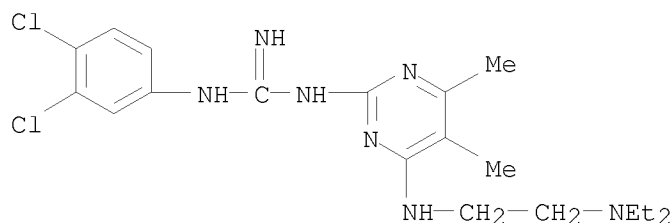
IT 51387-70-3P 51387-76-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antimalarial activity of)

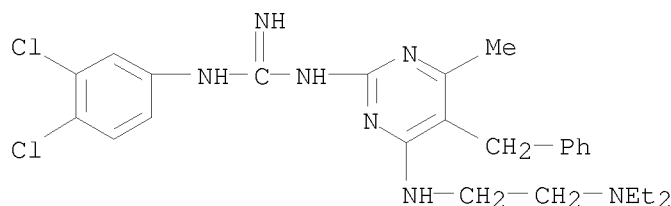
RN 51387-70-3 CAPLUS

CN Guanidine, N-(3,4-dichlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5,6-dimethyl-2-pyrimidinyl]- (CA INDEX NAME)



RN 51387-76-9 CAPLUS

CN Guanidine, N-(3,4-dichlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-6-methyl-5-(phenylmethyl)-2-pyrimidinyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
(4 CITINGS)

L12 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1973:492144 CAPLUS

DOCUMENT NUMBER: 79:92144

ORIGINAL REFERENCE NO.: 79:14967a,14970a

TITLE: Cycloacylation of enamines. II. Synthesis and reactions of 2,4-dichloropyrimidine-5-carboxylic acid esters

AUTHOR(S): Grohe, Klaus; Heitzer, Helmut

CORPORATE SOURCE: Wiss. Hauptlab., Bayer A.-G., Leverkusen, Fed. Rep. Ger.

SOURCE: Justus Liebigs Annalen der Chemie (1973), (5-6), 1025-35

CODEN: JLACBF; ISSN: 0075-4617

DOCUMENT TYPE: Journal

LANGUAGE: German

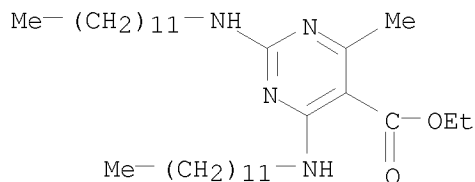
OTHER SOURCE(S): CASREACT 79:92144

IT 43071-90-5P 43106-89-4P

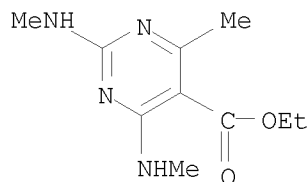
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 43071-90-5 CAPLUS

CN 5-Pyrimidinecarboxylic acid, 2,4-bis(dodecylamino)-6-methyl-, ethyl ester
(CA INDEX NAME)



RN 43106-89-4 CAPLUS
 CN 5-Pyrimidinecarboxylic acid, 4-methyl-2,6-bis(methylamino)-, ethyl ester
 (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
 (8 CITINGS)

L12 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1949:8386 CAPLUS

DOCUMENT NUMBER: 43:8386

ORIGINAL REFERENCE NO.: 43:1779e-h

TITLE: Symmetrically disubstituted formamidines. Formation by
 Raney-nickel reduction of thioureas

AUTHOR(S): Ashworth, R. deBrath

SOURCE: Journal of the Chemical Society (1948) 1716

CODEN: JC SOA9; ISSN: 0368-1769

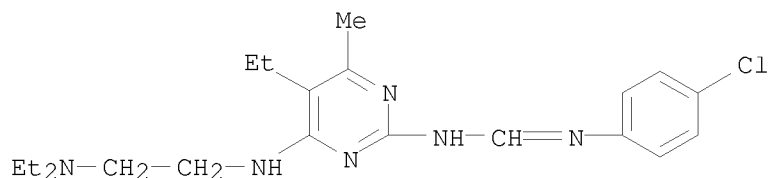
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 858244-16-3P, Formamidine,
 N-(p-chlorophenyl)-N'-[4-(2-diethylaminoethylamino)-5-ethyl-6-methyl-2-
 pyrimidinyl]-
 RL: PREP (Preparation)
 (preparation of)

RN 858244-16-3 CAPLUS

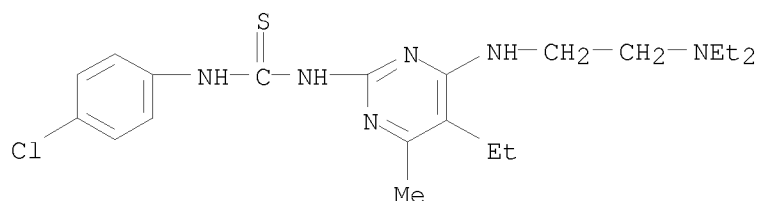
CN Methanimidamide, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-
 ethyl-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



IT 875239-59-1, Urea, 1-(p-chlorophenyl)-3-[4-(2-
 diethylaminoethylamino)-5-ethyl-6-methyl-2-pyrimidinyl]-2-thio-
 (reduction of)

RN 875239-59-1 CAPLUS

CN Thiourea, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-ethyl-
 6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



L12 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1948:32075 CAPLUS

DOCUMENT NUMBER: 42:32075

ORIGINAL REFERENCE NO.: 42:6828a-i

TITLE: Synthetic antimalarials. XXIV. Some 2-phenylureido- and 2-phenylthioureido-4-dialkylaminoalkylamino-6-methylpyrimidines

AUTHOR(S): Ashworth, R. de B.; Crowther, A. F.; Curd, F. H. S.; Rose, F. L.

CORPORATE SOURCE: Imp. Chem. Industries Ltd., Blackley, UK

SOURCE: Journal of the Chemical Society (1948) 581-6

CODEN: JCSOA9; ISSN: 0368-1769

DOCUMENT TYPE: Journal

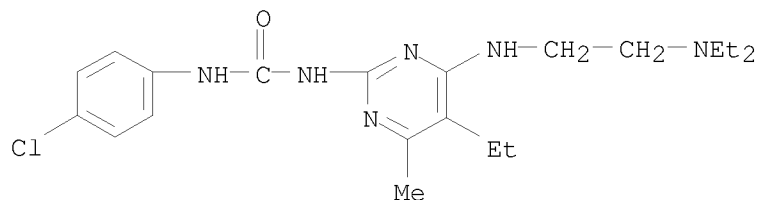
LANGUAGE: Unavailable

IT 857977-01-6P, Urea, 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5-ethyl-6-methyl-2-pyrimidinyl]-

875239-59-1P, Urea, 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5-ethyl-6-methyl-2-pyrimidinyl]-2-thio-
RL: PREP (Preparation)
(preparation of)

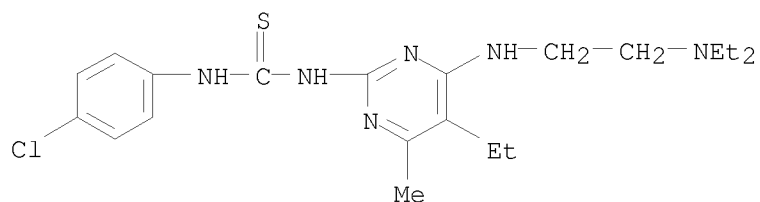
RN 857977-01-6 CAPLUS

CN Urea, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-ethyl-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



RN 875239-59-1 CAPLUS

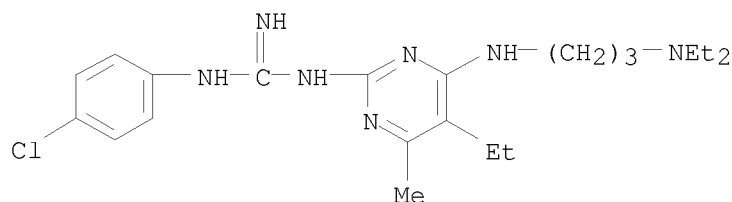
CN Thiourea, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-ethyl-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



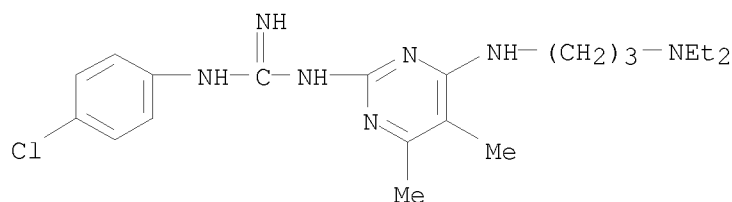
OS.CITING REF COUNT: 2

THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

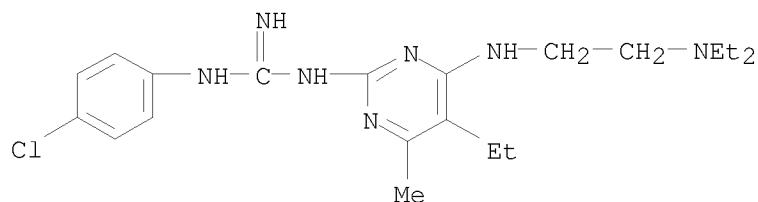
L12 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1948:32074 CAPLUS
 DOCUMENT NUMBER: 42:32074
 ORIGINAL REFERENCE NO.: 42:6826e-i,6827a-i,6828a
 TITLE: Synthetic antimalarials. XXIII.
 2-Arylguanidino-4-aminoalkylaminopyrimidines. Further variations
 AUTHOR(S): Cliffe, W. H.; Curd, F. H. S.; Rose, F. L.; Scott, M.
 CORPORATE SOURCE: Imp. Chem. Industries Ltd., Blackley, UK
 SOURCE: Journal of the Chemical Society (1948) 574-81
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 855885-85-7P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(3-diethylaminopropylamino)-5-ethyl-6-methyl-2-pyrimidinyl]- 855885-89-1P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(3-diethylaminopropylamino)-5,6-dimethyl-2-pyrimidinyl]- 855890-06-1P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5-ethyl-6-methyl-2-pyrimidinyl]- 855890-24-3P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5,6-dimethyl-2-pyrimidinyl]- 855955-41-8P, Guanidine,
 1-[5-butyl-4-(2-diethylaminoethylamino)-6-methyl-2-pyrimidinyl]-3-(p-chlorophenyl)-
 RL: PREP (Preparation)
 (preparation of)
 RN 855885-85-7 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-[[3-(diethylamino)propyl]amino]-5-ethyl-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



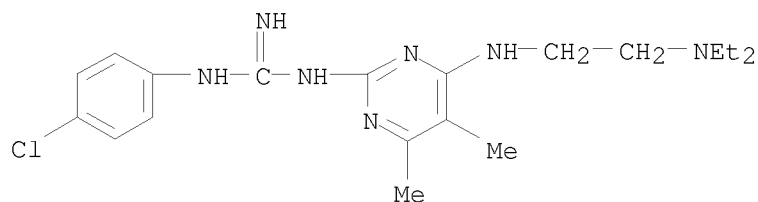
RN 855885-89-1 CAPLUS
 CN Guanidine, 1-(p-chlorophenyl)-3-[4-(3-diethylaminopropylamino)-5,6-dimethyl-2-pyrimidinyl]- (5CI) (CA INDEX NAME)



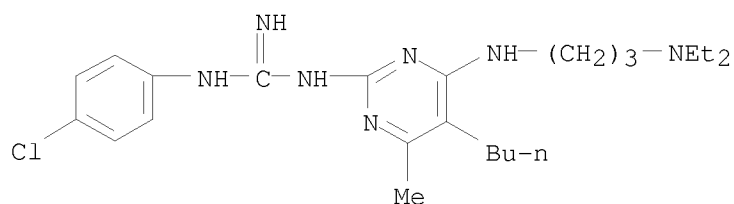
RN 855890-06-1 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-ethyl-6-methyl-2-pyrimidinyl]- (CA INDEX NAME)



RN 855890-24-3 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5,6-dimethyl-2-pyrimidinyl]- (CA INDEX NAME)



RN 855955-41-8 CAPLUS
 CN Guanidine, N-[5-butyl-4-[[3-(diethylamino)propyl]amino]-6-methyl-2-pyrimidinyl]-N'-(4-chlorophenyl)- (CA INDEX NAME)



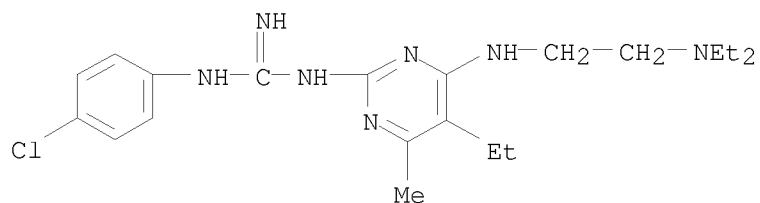
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

L12 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1947:15288 CAPLUS
 DOCUMENT NUMBER: 41:15288
 ORIGINAL REFERENCE NO.: 41:3123i,3124a-i,3125a-e
 TITLE: (2-Arylguanidino)aminopyrimidines
 INVENTOR(S): Curd, Francis H. S.; Rose, Francis L.
 PATENT ASSIGNEE(S): Imperial Chemical industries Ltd.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 581334		19461009	GB	

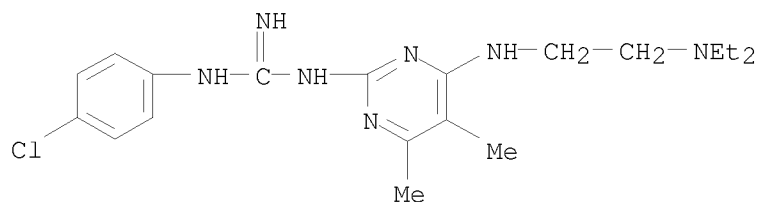
IT 855889-99-5P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5-ethyl-6-methyl-2-pyrimidinyl]-, hydrochloride 855890-16-3P, Guanidine,
 1-(p-chlorophenyl)-3-[4-(2-diethylaminoethylamino)-5,6-dimethyl-2-pyrimidinyl]-, hydrochloride
 RL: PREP (Preparation)

(preparation of)
 RN 855889-99-5 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5-ethyl-6-methyl-2-pyrimidinyl]-, hydrochloride (1:1) (CA INDEX NAME)



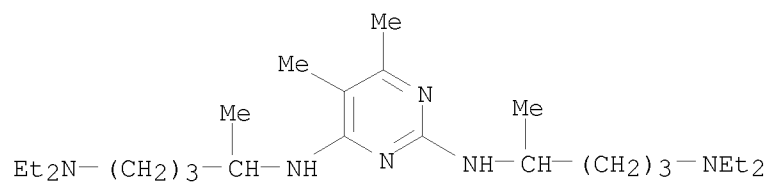
● HCl

RN 855890-16-3 CAPLUS
 CN Guanidine, N-(4-chlorophenyl)-N'-[4-[[2-(diethylamino)ethyl]amino]-5,6-dimethyl-2-pyrimidinyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

L12 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1946:25714 CAPLUS
 DOCUMENT NUMBER: 40:25714
 ORIGINAL REFERENCE NO.: 40:5057c-i,5058a-h
 TITLE: Synthetic antimalarials. III. Some derivatives of mono- and dialkylpyrimidines
 AUTHOR(S): Hull, R.; Lovell, B. J.; Openshaw, H. T.; Payman, L. C.; Todd, A. R.
 CORPORATE SOURCE: Univ. of Manchester, Blackley, Manchester 9, UK
 SOURCE: Journal of the Chemical Society (1946) 357-62
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 40:25714
 IT 811897-62-8P, Pyrimidine,
 2,4-bis(4-diethylamino-1-methylbutylamino)-5,6-dimethyl-
 RL: PREP (Preparation)
 (preparation of)
 RN 811897-62-8 CAPLUS
 CN Pyrimidine, 2,4-bis(4-diethylamino-1-methylbutylamino)-5,6-dimethyl- (4CI)
 (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)

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